2020	α_{2000}	δ_{2000}	Δ	r	β	V
315495 2008 AQ_3			5 27.9 135°.64		3°.3/29.3 17	
	h m	° ′			°	m
4 21	16 52.95	−30 39.7	1.905	2.711	15.2	21.4
5 1	16 46.97	−30 54.3	1.831	2.723	12.1	21.2
5 11	16 38.36	−30 58.3	1.779	2.735	8.5	21.0
5 21	16 27.89	−30 49.3	1.752	2.747	4.9	20.8
5 31	16 16.70	−30 27.2	1.752	2.758	3.4	20.8
6 10	16 6.05	−29 54.3	1.780	2.768	6.0	20.9
6 20	15 57.03	−29 15.0	1.833	2.777	9.6	21.2
6 30	15 50.42	−28 34.5	1.911	2.786	12.9	21.4
31325 1998 HN_{33}			5 27.9 172°.66		4°.6/29.8 18	
4 21	16 48.16	−34 31.8	2.320	3.111	13.2	18.9
5 1	16 43.15	−35 6.8	2.234	3.112	10.8	18.7
5 11	16 35.84	−35 31.7	2.171	3.112	8.1	18.5
5 21	16 26.86	−35 43.5	2.132	3.112	5.6	18.4
5 31	16 17.12	−35 41.1	2.120	3.113	4.6	18.3
6 10	16 7.66	−35 25.3	2.135	3.113	6.1	18.4
6 20	15 59.44	−34 59.0	2.176	3.113	8.7	18.5
6 30	15 53.23	−34 26.7	2.242	3.113	11.4	18.7
16520 1990 WO_3			5 27.9 244°.87		3°.4/26.8 18	
4 21	16 48.64	−15 22.8	1.676	2.514	15.5	18.2
5 1	16 43.96	−14 46.5	1.586	2.501	12.1	17.9
5 11	16 36.62	−14 8.4	1.517	2.488	8.2	17.7
5 21	16 27.27	−13 31.4	1.472	2.474	4.4	17.4
5 31	16 16.93	−12 58.7	1.454	2.459	4.0	17.3
6 10	16 6.84	−12 34.2	1.462	2.444	7.8	17.5
6 20	15 58.13	−12 20.6	1.494	2.429	12.0	17.7
6 30	15 51.72	−12 19.9	1.548	2.413	15.9	17.9
138059 2000 DA_{39}			5 27.9 192°.86		3°.9/29.6 18	
4 21	16 51.43	−32 17.5	1.954	2.757	15.0	20.4
5 1	16 45.97	−32 33.8	1.868	2.756	12.0	20.2
5 11	16 37.84	−32 38.5	1.802	2.754	8.7	20.0
5 21	16 27.74	−32 29.3	1.761	2.752	5.4	19.8
5 31	16 16.75	−32 5.1	1.747	2.749	3.9	19.7
6 10	16 6.16	−31 28.2	1.760	2.746	6.3	19.8
6 20	15 57.08	−30 43.0	1.799	2.742	9.7	20.0
6 30	15 50.38	−29 55.2	1.861	2.738	13.1	20.2
351914 2006 SH_{374}			5 27.9 267°.75		2°.2/28.7 17	
4 21	16 47.99	−26 20.2	2.194	3.008	13.2	21.2
5 1	16 43.04	−26 55.6	2.102	3.002	10.3	21.0
5 11	16 35.82	−27 26.3	2.032	2.995	7.1	20.7
5 21	16 26.89	−27 50.4	1.989	2.989	3.7	20.5
5 31	16 17.11	−28 6.5	1.973	2.982	2.4	20.4
6 10	16 7.51	−28 15.0	1.986	2.976	5.3	20.6
6 20	15 59.04	−28 17.6	2.025	2.969	8.8	20.8
6 30	15 52.52	−28 17.3	2.088	2.962	12.0	21.0
153885 2001 XN_{163}			5 28.0 214°.14		1°.4/27.5 18	
4 21	16 47.43	−18 53.2	1.998	2.827	13.7	20.3
5 1	16 42.56	−18 34.6	1.911	2.822	10.6	20.1
5 11	16 35.45	−18 13.0	1.846	2.817	7.0	19.9
5 21	16 26.71	−17 49.6	1.807	2.812	3.1	19.6
5 31	16 17.24	−17 26.3	1.795	2.806	2.1	19.6
6 10	16 8.06	−17 5.5	1.811	2.800	5.9	19.8
6 20	16 0.09	−16 49.7	1.853	2.793	9.7	20.0
6 30	15 54.09	−16 41.2	1.919	2.786	13.2	20.2
239285 2007 PK_5			5 28.0 291°.82		4°.2/26.3 18	
4 21	16 44.90	−12 19.9	1.879	2.716	14.1	20.3
5 1	16 40.89	−11 45.2	1.778	2.691	11.2	20.1
5 11	16 34.56	−11 11.4	1.698	2.666	7.8	19.8
5 21	16 26.42	−10 41.5	1.644	2.641	4.8	19.6
5 31	16 17.33	−10 18.7	1.615	2.615	4.7	19.5
6 10	16 8.34	−10 6.2	1.613	2.589	7.8	19.7
6 20	16 0.43	−10 6.0	1.635	2.564	11.6	19.8
6 30	15 54.48	−10 19.0	1.679	2.538	15.1	20.0
336715 2010 CN_{129}			5 28.0 130°.36		5°.7/30.6 17	
4 21	16 51.11	−38 0.0	2.135	2.915	14.6	21.1
5 1	16 45.60	−38 29.2	2.057	2.923	12.1	20.9
5 11	16 37.51	−38 44.4	1.999	2.930	9.3	20.8
5 21	16 27.58	−38 42.4	1.966	2.937	6.8	20.6
5 31	16 16.89	−38 21.7	1.958	2.944	5.7	20.6
6 10	16 6.66	−37 44.2	1.978	2.950	6.9	20.6
6 20	15 57.98	−36 54.4	2.023	2.956	9.4	20.8
6 30	15 51.63	−35 58.2	2.092	2.962	12.1	21.0
275141 2009 VL_{76}			5 28.0 118°.30		3°.3/26.2 17	
4 21	16 46.88	−16 32.0	1.959	2.791	13.8	20.8
5 1	16 41.88	−15 20.6	1.889	2.802	10.7	20.6
5 11	16 34.81	−14 5.9	1.843	2.812	7.1	20.4
5 21	16 26.36	−12 51.6	1.822	2.823	3.9	20.2
5 31	16 17.44	−11 42.5	1.830	2.833	3.8	20.2
6 10	16 9.00	−10 43.0	1.866	2.842	6.9	20.4
6 20	16 1.87	− 9 56.4	1.927	2.852	10.3	20.7
6 30	15 56.66	− 9 24.6	2.011	2.861	13.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
63028 2000 WF_{57}			5 28.0 257°.27		1°.1/27.6 18	
	h m	° ′			°	m
4 21	16 45.39	−17 38.5	2.381	3.205	12.0	19.2
5 1	16 40.69	−17 44.9	2.289	3.198	9.2	19.0
5 11	16 34.10	−17 51.0	2.221	3.191	6.1	18.8
5 21	16 26.13	−17 57.3	2.179	3.184	2.7	18.6
5 31	16 17.50	−18 4.1	2.166	3.177	1.7	18.5
6 10	16 9.07	−18 12.6	2.181	3.170	5.0	18.7
6 20	16 1.59	−18 23.7	2.223	3.162	8.4	18.9
6 30	15 55.73	−18 38.5	2.289	3.155	11.4	19.1
227920 2007 FS_{36}			5 28.0 18°.19		3°.9/26.6 17	
4 21	16 41.98	−16 1.4	1.232	2.100	18.1	19.5
5 1	16 39.25	−15 10.7	1.176	2.108	14.0	19.3
5 11	16 33.63	−14 18.3	1.138	2.116	9.3	19.0
5 21	16 25.99	−13 28.7	1.123	2.126	5.0	18.8
5 31	16 17.60	−12 47.2	1.131	2.137	4.6	18.8
6 10	16 9.85	−12 18.3	1.162	2.149	8.6	19.1
6 20	16 3.90	−12 4.7	1.216	2.163	13.0	19.4
6 30	16 0.52	−12 7.1	1.288	2.177	17.0	19.6
40730 1999 SY_{12}			5 28.0 243°.81		6°.4/24.3 18	
4 21	16 43.44	+ 1 10.2	2.938	3.731	10.7	19.3
5 1	16 38.76	+ 1 49.5	2.846	3.714	9.0	19.1
5 11	16 32.63	+ 2 20.8	2.777	3.698	7.4	19.0
5 21	16 25.46	+ 2 41.2	2.734	3.680	6.5	18.9
5 31	16 17.80	+ 2 47.9	2.718	3.663	6.7	18.9
6 10	16 10.28	+ 2 39.7	2.729	3.644	8.0	19.0
6 20	16 3.46	+ 2 16.4	2.765	3.626	9.8	19.0
6 30	15 57.86	+ 1 39.2	2.825	3.607	11.7	19.2
95026 2002 AG_{21}			5 28.0 259°.81		0°.5/28.2 18	
4 21	16 50.98	−22 49.8	1.658	2.489	16.0	20.5
5 1	16 46.16	−22 53.3	1.556	2.468	12.6	20.3
5 11	16 38.34	−22 51.5	1.476	2.447	8.4	20.0
5 21	16 28.14	−22 43.6	1.420	2.425	3.7	19.6
5 31	16 16.61	−22 29.6	1.390	2.403	1.6	19.4
6 10	16 5.17	−22 11.7	1.386	2.379	6.7	19.7
6 20	15 55.16	−21 53.2	1.408	2.356	11.5	19.9
6 30	15 47.69	−21 38.3	1.452	2.332	15.9	20.1
346253 2008 DG_{84}			5 28.0 160°.35		0°.7/28.4 18	
4 21	16 46.96	−23 56.0	3.434	4.231	9.2	22.6
5 1	16 41.24	−24 7.4	3.347	4.240	7.1	22.5
5 11	16 34.12	−24 15.4	3.286	4.248	4.7	22.3
5 21	16 26.05	−24 19.6	3.253	4.256	2.1	22.2
5 31	16 17.58	−24 20.0	3.250	4.262	1.0	22.1
6 10	16 9.32	−24 17.6	3.279	4.268	3.5	22.3
6 20	16 1.80	−24 13.4	3.336	4.274	6.0	22.4
6 30	15 55.51	−24 9.2	3.420	4.278	8.2	22.6
237069 2008 SA_{225}			5 28.0 144°.07		1°.9/27.1 18	
4 21	16 46.46	−17 34.0	2.379	3.201	12.0	21.5
5 1	16 41.29	−17 0.0	2.304	3.211	9.2	21.4
5 11	16 34.33	−16 23.7	2.252	3.221	6.1	21.2
5 21	16 26.17	−15 47.0	2.227	3.230	2.9	21.0
5 31	16 17.56	−15 12.2	2.230	3.238	2.4	21.0
6 10	16 9.32	−14 41.7	2.263	3.246	5.3	21.2
6 20	16 2.14	−14 17.8	2.322	3.254	8.5	21.4
6 30	15 56.60	−14 2.0	2.406	3.261	11.3	21.6
321133 2008 UP_{138}			5 28.0 217°.33		0°.9/27.6 18	
4 21	16 46.36	−20 11.3	2.086	2.914	13.3	21.5
5 1	16 41.66	−19 54.4	1.999	2.910	10.2	21.3
5 11	16 34.83	−19 33.8	1.935	2.906	6.7	21.1
5 21	16 26.47	−19 10.3	1.896	2.901	2.9	20.8
5 31	16 17.41	−18 45.7	1.885	2.897	1.6	20.7
6 10	16 8.65	−18 22.4	1.902	2.892	5.5	20.9
6 20	16 1.06	−18 3.0	1.945	2.887	9.2	21.2
6 30	15 55.34	−17 49.7	2.012	2.882	12.5	21.4
269026 2007 FN_2			5 28.0 66°.52		4°.8/27.0 17	
4 21	16 49.01	− 9 8.4	1.618	2.454	16.1	20.3
5 1	16 43.91	− 9 1.6	1.559	2.469	12.6	20.1
5 11	16 36.34	− 9 1.8	1.521	2.485	8.9	19.9
5 21	16 27.09	− 9 11.4	1.507	2.501	5.6	19.7
5 31	16 17.20	− 9 31.7	1.519	2.517	5.2	19.7
6 10	16 7.87	−10 3.2	1.556	2.533	8.0	19.9
6 20	16 0.07	−10 45.0	1.619	2.549	11.6	20.2
6 30	15 54.54	−11 35.8	1.703	2.565	14.8	20.4
243767 2000 RF_{42}			5 28.0 314°.83		8°.8/30.1 17	
4 21	16 46.68	−36 50.4	1.223	2.055	20.5	19.6
5 1	16 44.49	−37 51.1	1.131	2.030	17.3	19.3
5 11	16 38.21	−38 36.4	1.056	2.005	13.6	19.0
5 21	16 28.40	−38 58.2	1.001	1.981	10.2	18.7
5 31	16 16.48	−38 50.1	0.966	1.958	8.8	18.6
6 10	16 4.62	−38 11.1	0.953	1.935	10.9	18.6
6 20	15 54.93	−37 7.4	0.960	1.913	15.0	18.8
6 30	15 49.05	−35 50.1	0.986	1.892	19.4	18.9

477923 2011 QV_{23} 5 28.0 245°.81 3°.5/29.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.32	−32 7.9	2.244	3.046	13.3	21.6
5 1	16 42.53	−32 23.5	2.152	3.040	10.7	21.5
5 11	16 35.48	−32 29.2	2.083	3.034	7.7	21.3
5 21	16 26.77	−32 23.1	2.038	3.029	4.8	21.1
5 31	16 17.30	−32 4.5	2.020	3.023	3.6	21.0
6 10	16 8.11	−31 35.1	2.030	3.016	5.6	21.1
6 20	16 0.14	−30 58.2	2.067	3.010	8.7	21.3
6 30	15 54.16	−30 18.4	2.127	3.004	11.7	21.4

34562 2000 SW_{287} 5 28.0 296°.71 6°.2/30.3 18

4 21	16 48.39	−38 1.9	2.181	2.964	14.2	18.2
5 1	16 43.81	−38 47.8	2.083	2.949	11.9	18.0
5 11	16 36.60	−39 21.9	2.005	2.934	9.4	17.8
5 21	16 27.36	−39 40.0	1.952	2.919	7.1	17.6
5 31	16 17.05	−39 39.7	1.924	2.905	6.2	17.5
6 10	16 6.91	−39 21.0	1.922	2.890	7.4	17.6
6 20	15 58.08	−38 47.2	1.945	2.876	9.9	17.7
6 30	15 51.51	−38 3.7	1.992	2.861	12.7	17.8

286303 2001 WG_{18} 5 28.0 129°.19 1°.0/27.6 18

4 21	16 51.51	−21 8.9	1.645	2.477	16.1	21.4
5 1	16 45.94	−20 38.5	1.577	2.490	12.4	21.2
5 11	16 37.72	−20 2.3	1.531	2.503	8.1	21.0
5 21	16 27.68	−19 21.6	1.509	2.515	3.4	20.7
5 31	16 16.99	−18 39.3	1.514	2.526	1.9	20.6
6 10	16 6.91	−17 59.4	1.547	2.537	6.5	21.0
6 20	15 58.51	−17 25.9	1.604	2.547	10.8	21.2
6 30	15 52.54	−17 1.7	1.684	2.557	14.5	21.5

105776 2000 SG_{113} 5 28.0 233°.54 1°.2/27.5 18

4 21	16 44.22	−18 57.8	2.445	3.270	11.7	20.0
5 1	16 39.72	−18 40.1	2.354	3.264	9.0	19.8
5 11	16 33.43	−18 19.9	2.287	3.258	5.9	19.6
5 21	16 25.87	−17 58.2	2.247	3.251	2.6	19.4
5 31	16 17.73	−17 36.5	2.234	3.245	1.7	19.3
6 10	16 9.83	−17 17.0	2.250	3.238	5.0	19.5
6 20	16 2.87	−17 1.4	2.293	3.232	8.2	19.7
6 30	15 57.47	−16 51.7	2.360	3.225	11.1	19.9

321725 2010 KP_{47} 5 28.0 191°.04 5°.0/30.1 17

4 21	16 52.27	−34 46.6	1.697	2.502	16.8	20.6
5 1	16 47.08	−35 0.0	1.615	2.501	13.7	20.4
5 11	16 38.81	−34 58.2	1.552	2.501	10.1	20.2
5 21	16 28.26	−34 37.7	1.512	2.499	6.6	20.0
5 31	16 16.72	−33 57.5	1.498	2.498	5.1	19.9
6 10	16 5.70	−33 0.9	1.510	2.496	7.2	20.0
6 20	15 56.51	−31 54.0	1.547	2.494	10.8	20.2
6 30	15 50.10	−30 44.6	1.607	2.491	14.4	20.4

18675 Amiamini 5 28.0 199°.92 1°.1/27.6 18

4 21	16 47.32	−19 13.9	2.065	2.892	13.4	18.3
5 1	16 42.42	−19 1.2	1.980	2.890	10.3	18.0
5 11	16 35.34	−18 45.8	1.917	2.888	6.8	17.8
5 21	16 26.71	−18 28.5	1.880	2.885	2.9	17.6
5 31	16 17.38	−18 10.8	1.870	2.882	1.8	17.5
6 10	16 8.35	−17 54.9	1.889	2.878	5.6	17.7
6 20	16 0.50	−17 43.0	1.934	2.874	9.3	17.9
6 30	15 54.56	−17 37.1	2.002	2.870	12.7	18.1

76820 2000 RW_{105} 5 28.0 217°.44 3°.9/24.2 18 R

4 21	16 35.67	− 0 16.3	4.814	5.608	6.8	19.9
5 1	16 32.32	+ 0 15.0	4.733	5.604	5.6	19.8
5 11	16 28.21	+ 0 41.6	4.678	5.601	4.6	19.7
5 21	16 23.58	+ 1 1.9	4.649	5.597	4.0	19.6
5 31	16 18.73	+ 1 14.7	4.648	5.594	4.1	19.6
6 10	16 13.99	+ 1 19.0	4.675	5.590	4.9	19.7
6 20	16 9.65	+ 1 14.8	4.728	5.586	6.1	19.8
6 30	16 5.98	+ 1 2.2	4.805	5.582	7.3	19.9

90922 1997 RN_{2} 5 28.0 196°.02 0°.5/28.2 17

4 21	16 51.66	−23 9.8	1.827	2.650	15.1	20.5
5 1	16 46.15	−23 11.5	1.741	2.648	11.7	20.2
5 11	16 38.00	−23 7.7	1.677	2.645	7.8	20.0
5 21	16 27.89	−22 57.8	1.637	2.642	3.4	19.7
5 31	16 16.87	−22 42.3	1.625	2.638	1.4	19.6
6 10	16 6.20	−22 23.5	1.640	2.633	5.9	19.8
6 20	15 56.97	−22 4.4	1.682	2.627	10.2	20.1
6 30	15 50.07	−21 48.6	1.747	2.621	13.9	20.3

184199 2004 PH_{63} 5 28.0 260°.76 0°.6/27.8 18

4 21	16 44.54	−19 57.1	2.515	3.337	11.5	20.5
5 1	16 40.01	−19 54.9	2.417	3.325	8.8	20.3
5 11	16 33.66	−19 50.4	2.343	3.312	5.8	20.1
5 21	16 25.99	−19 44.0	2.294	3.300	2.5	19.9
5 31	16 17.68	−19 36.5	2.275	3.287	1.3	19.7
6 10	16 9.53	−19 29.3	2.283	3.274	4.7	20.0
6 20	16 2.27	−19 24.0	2.319	3.261	8.0	20.2
6 30	15 56.55	−19 22.4	2.380	3.247	11.0	20.3

191761 2004 TK_{23} 5 28.0 281°.17 0°.8/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.94	−24 31.3	1.793	2.624	15.0	20.7
5 1	16 42.56	−24 26.0	1.709	2.620	11.7	20.5
5 11	16 35.66	−24 13.7	1.646	2.616	7.8	20.2
5 21	16 26.90	−23 54.1	1.607	2.612	3.5	19.9
5 31	16 17.31	−23 28.2	1.595	2.608	1.5	19.8
6 10	16 8.06	−22 58.7	1.610	2.604	5.8	20.1
6 20	16 0.23	−22 29.4	1.650	2.600	10.0	20.3
6 30	15 54.62	−22 3.9	1.713	2.596	13.7	20.5

231498 2008 QK_{38} 5 28.0 238°.69 5°.1/26.0 18

4 21	16 46.99	− 7 30.2	2.208	3.027	12.9	21.3
5 1	16 42.02	− 7 0.6	2.115	3.013	10.3	21.1
5 11	16 35.05	− 6 35.9	2.044	2.999	7.6	20.9
5 21	16 26.60	− 6 18.9	2.000	2.985	5.4	20.7
5 31	16 17.44	− 6 12.4	1.983	2.970	5.4	20.7
6 10	16 8.44	− 6 18.2	1.993	2.955	7.7	20.8
6 20	16 0.44	− 6 36.9	2.029	2.939	10.6	20.9
6 30	15 54.13	− 7 8.0	2.088	2.922	13.5	21.1

242702 2005 TL_{75} 5 28.0 296°.68 2°.5/26.7 17

4 21	16 42.91	−16 51.2	2.157	2.991	12.7	20.1
5 1	16 38.96	−16 7.6	2.065	2.979	9.8	19.9
5 11	16 33.07	−15 21.2	1.996	2.967	6.5	19.7
5 21	16 25.76	−14 34.2	1.953	2.956	3.4	19.4
5 31	16 17.82	−13 49.7	1.938	2.944	3.0	19.4
6 10	16 10.12	−13 11.2	1.950	2.933	6.1	19.6
6 20	16 3.45	−12 41.3	1.988	2.921	9.6	19.7
6 30	15 58.48	−12 22.0	2.049	2.910	12.7	19.9

352013 2006 UT_{360} 5 28.0 121°.76 3°.5/29.9 18

4 21	16 47.05	−33 20.4	2.347	3.144	13.0	20.9
5 1	16 42.13	−33 26.4	2.264	3.148	10.4	20.7
5 11	16 35.10	−33 21.5	2.204	3.152	7.5	20.6
5 21	16 26.59	−33 4.1	2.168	3.157	4.8	20.4
5 31	16 17.49	−32 34.4	2.160	3.161	3.6	20.3
6 10	16 8.77	−31 54.4	2.180	3.165	5.3	20.4
6 20	16 1.28	−31 7.9	2.226	3.169	8.2	20.6
6 30	15 55.69	−30 19.4	2.297	3.173	11.0	20.8

76361 2000 EP_{171} 5 28.0 42°.85 8°.5/26.2 18

4 21	16 46.72	− 3 36.4	1.352	2.196	18.2	18.5
5 1	16 42.52	− 2 53.7	1.300	2.209	14.8	18.3
5 11	16 35.61	− 2 23.8	1.268	2.222	11.3	18.1
5 21	16 26.84	− 2 12.0	1.258	2.236	8.9	18.0
5 31	16 17.41	− 2 21.8	1.271	2.251	8.8	18.1
6 10	16 8.62	− 2 54.1	1.307	2.266	11.1	18.2
6 20	16 1.54	− 3 46.5	1.365	2.281	14.3	18.5
6 30	15 56.93	− 4 55.3	1.443	2.297	17.4	18.7

96974 1999 TL_{194} 5 28.0 193°.25 2°.2/29.2 18

4 21	16 48.41	−29 38.0	2.333	3.137	12.8	20.4
5 1	16 43.15	−29 33.3	2.242	3.135	10.1	20.2
5 11	16 35.77	−29 19.3	2.175	3.133	7.0	20.0
5 21	16 26.89	−28 55.2	2.133	3.130	3.8	19.8
5 31	16 17.37	−28 21.3	2.119	3.127	2.4	19.7
6 10	16 8.17	−27 40.1	2.134	3.124	5.0	19.8
6 20	16 0.17	−26 55.2	2.176	3.120	8.3	20.0
6 30	15 54.04	−26 10.8	2.242	3.116	11.3	20.2

253555 2003 SB_{256} 5 28.0 247°.26 2°.6/28.7 17

4 21	16 51.45	−26 48.2	1.710	2.532	15.9	20.9
5 1	16 46.48	−27 16.4	1.616	2.521	12.6	20.7
5 11	16 38.53	−27 37.9	1.544	2.508	8.7	20.4
5 21	16 28.25	−27 50.2	1.495	2.496	4.6	20.2
5 31	16 16.74	−27 51.8	1.473	2.482	2.8	20.0
6 10	16 5.41	−27 43.5	1.477	2.469	6.5	20.2
6 20	15 55.60	−27 28.5	1.507	2.455	10.9	20.4
6 30	15 48.35	−27 11.5	1.559	2.441	14.9	20.6

335796 2007 GN_{73} 5 28.0 348°.99 6°.7/25.5 17

4 21	16 43.27	− 8 20.6	1.524	2.374	16.2	20.2
5 1	16 39.84	− 7 20.9	1.454	2.370	13.0	19.9
5 11	16 33.92	− 6 26.0	1.403	2.366	9.6	19.7
5 21	16 26.19	− 5 41.2	1.376	2.363	7.1	19.6
5 31	16 17.67	− 5 11.6	1.373	2.361	7.2	19.6
6 10	16 9.55	− 5 0.9	1.394	2.359	10.0	19.7
6 20	16 2.84	− 5 9.9	1.437	2.358	13.4	19.9
6 30	15 58.35	− 5 37.7	1.501	2.357	16.7	20.1

37655 Illapa 5 28.0 91°.73 14°.3/27.1 18

4 21	17 29.96	+ 6 44.9	1.193	1.939	25.6	20.9
5 1	17 14.25	+ 8 33.6	1.177	2.010	21.2	20.8
5 11	16 55.17	+ 9 53.0	1.183	2.077	17.3	20.8
5 21	16 34.52	+10 33.2	1.214	2.138	14.7	20.8
5 31	16 14.46	+10 30.5	1.272	2.195	14.5	20.9
6 10	15 56.90	+ 9 49.0	1.358	2.248	16.1	21.2
6 20	15 42.98	+ 8 38.1	1.466	2.296	18.4	21.5
6 30	15 33.11	+ 7 7.6	1.595	2.341	20.6	21.8

321939 2010 TR_{129} 5 28.0 257°.06 4°.6/26.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.31	−12 44.6	1.647	2.487	15.6	21.2
5 1	16 42.96	−11 59.2	1.560	2.475	12.3	21.0
5 11	16 36.02	−11 14.0	1.494	2.463	8.6	20.7
5 21	16 27.12	−10 32.8	1.453	2.450	5.3	20.5
5 31	16 17.27	− 9 59.7	1.437	2.437	5.1	20.4
6 10	16 7.68	− 9 38.6	1.447	2.424	8.5	20.6
6 20	15 59.47	− 9 31.8	1.481	2.410	12.5	20.8
6 30	15 53.51	− 9 40.2	1.536	2.396	16.2	21.0

62969 2000 VN_{49} 5 28.0 250°.37 0°.2/28.1 18

4 21	16 44.93	−22 41.0	2.595	3.412	11.3	20.1
5 1	16 40.29	−22 34.4	2.493	3.398	8.7	19.9
5 11	16 33.85	−22 23.6	2.416	3.384	5.8	19.7
5 21	16 26.10	−22 8.7	2.365	3.369	2.5	19.5
5 31	16 17.71	−21 50.5	2.342	3.355	1.0	19.3
6 10	16 9.49	−21 30.8	2.348	3.340	4.5	19.6
6 20	16 2.17	−21 11.6	2.382	3.325	7.7	19.7
6 30	15 56.36	−20 55.2	2.441	3.309	10.7	19.9

396097 2013 CZ_{122} 5 28.0 101°.60 4°.7/25.9 18

4 21	16 43.85	− 7 8.1	2.439	3.259	11.8	20.9
5 1	16 39.23	− 6 36.0	2.371	3.270	9.4	20.8
5 11	16 32.99	− 6 8.9	2.327	3.281	6.9	20.6
5 21	16 25.67	− 5 49.5	2.309	3.292	5.0	20.5
5 31	16 17.93	− 5 40.0	2.318	3.302	5.0	20.5
6 10	16 10.52	− 5 41.8	2.355	3.313	6.9	20.7
6 20	16 4.06	− 5 55.0	2.417	3.323	9.3	20.8
6 30	15 59.07	− 6 19.1	2.503	3.334	11.6	21.0

193560 2001 AW_{10} 5 28.0 250°.30 1°.9/28.8 18

4 21	16 47.42	−27 39.8	1.944	2.765	14.4	20.2
5 1	16 42.83	−27 36.1	1.855	2.759	11.3	19.9
5 11	16 35.80	−27 23.3	1.788	2.753	7.7	19.7
5 21	16 26.98	−27 0.5	1.745	2.747	3.9	19.5
5 31	16 17.35	−26 28.4	1.730	2.740	2.1	19.3
6 10	16 8.05	−25 49.7	1.741	2.734	5.6	19.5
6 20	16 0.10	−25 8.4	1.779	2.728	9.5	19.8
6 30	15 54.30	−24 29.1	1.839	2.721	13.0	20.0

356192 2009 KE_{36} 5 28.0 344°.33 3°.6/27.2 18

4 21	16 45.02	−11 1.3	1.901	2.737	14.1	19.8
5 1	16 40.82	−11 6.1	1.819	2.731	11.0	19.6
5 11	16 34.42	−11 16.3	1.758	2.725	7.6	19.3
5 21	16 26.39	−11 33.3	1.722	2.721	4.4	19.1
5 31	16 17.60	−11 58.1	1.713	2.716	3.9	19.1
6 10	16 9.05	−12 31.2	1.731	2.712	6.8	19.3
6 20	16 1.67	−13 12.3	1.773	2.709	10.4	19.5
6 30	15 56.19	−14 0.6	1.839	2.706	13.7	19.7

58165 1990 HQ_5 5 28.0 172°.94 1°.3/27.7 18

4 21	16 51.92	−18 19.4	1.693	2.524	15.7	18.5
5 1	16 46.41	−18 19.1	1.615	2.527	12.2	18.3
5 11	16 38.20	−18 17.4	1.558	2.529	8.0	18.0
5 21	16 28.01	−18 14.7	1.526	2.531	3.5	17.8
5 31	16 16.93	−18 11.9	1.521	2.532	2.1	17.7
6 10	16 6.26	−18 10.9	1.543	2.533	6.5	18.0
6 20	15 57.11	−18 13.6	1.590	2.533	10.9	18.2
6 30	15 50.37	−18 22.0	1.660	2.532	14.6	18.4

123579 2000 XA_{40} 5 28.0 166°.52 8°.6/ 2.1 18

4 21	16 54.88	−47 4.3	2.030	2.771	16.5	19.4
5 1	16 49.02	−47 23.3	1.947	2.772	14.3	19.3
5 11	16 40.00	−47 21.0	1.882	2.773	11.9	19.1
5 21	16 28.75	−46 52.4	1.838	2.775	9.8	19.0
5 31	16 16.65	−45 55.4	1.820	2.776	8.6	18.9
6 10	16 5.30	−44 32.7	1.826	2.776	9.1	18.9
6 20	15 55.97	−42 51.1	1.858	2.777	11.0	19.0
6 30	15 49.53	−40 59.8	1.914	2.777	13.4	19.2

510482 2011 WU_{118} 5 28.0 208°.72 1°.9/29.4 18

4 21	16 46.52	−31 7.2	2.854	3.647	11.0	21.5
5 1	16 41.29	−30 39.7	2.756	3.641	8.7	21.3
5 11	16 34.35	−30 2.3	2.681	3.636	6.1	21.1
5 21	16 26.26	−29 14.8	2.634	3.630	3.3	20.9
5 31	16 17.70	−28 18.5	2.616	3.624	2.0	20.8
6 10	16 9.45	−27 16.0	2.627	3.617	4.2	21.0
6 20	16 2.18	−26 11.1	2.668	3.610	7.0	21.1
6 30	15 56.45	−25 7.7	2.734	3.603	9.6	21.3

219744 2001 XW_{238} 5 28.0 221°.09 0°.5/28.2 18

4 21	16 48.81	−23 46.7	2.203	3.020	13.0	21.0
5 1	16 43.59	−23 40.1	2.107	3.010	10.1	20.8
5 11	16 36.16	−23 27.8	2.033	3.001	6.7	20.5
5 21	16 27.12	−23 9.6	1.986	2.990	2.9	20.3
5 31	16 17.31	−22 46.3	1.967	2.979	1.2	20.1
6 10	16 7.73	−22 20.0	1.976	2.968	5.1	20.4
6 20	15 59.30	−21 53.7	2.012	2.956	8.9	20.6
6 30	15 52.75	−21 30.5	2.073	2.943	12.2	20.8

388917 2008 SF_{120} 5 28.0 144°.54 2°.3/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.17	−16 37.6	2.149	2.978	12.9	21.6
5 1	16 41.31	−16 2.7	2.073	2.984	9.9	21.4
5 11	16 34.51	−15 26.1	2.020	2.990	6.6	21.2
5 21	16 26.35	−14 49.8	1.993	2.995	3.3	21.0
5 31	16 17.67	−14 16.5	1.994	3.001	2.8	21.0
6 10	16 9.35	−13 48.8	2.023	3.006	5.9	21.2
6 20	16 2.18	−13 29.0	2.078	3.010	9.3	21.4
6 30	15 56.78	−13 18.5	2.156	3.015	12.3	21.6

113020 2002 RJ_{43} 5 28.0 304°.28 2°.2/27.4 18

4 21	16 45.73	−17 43.5	1.402	2.256	17.1	19.8
5 1	16 42.52	−17 28.3	1.305	2.230	13.5	19.5
5 11	16 36.22	−17 10.6	1.227	2.204	9.0	19.2
5 21	16 27.39	−16 52.2	1.172	2.178	4.2	18.8
5 31	16 17.13	−16 35.4	1.141	2.152	3.0	18.7
6 10	16 6.92	−16 23.5	1.135	2.127	8.0	18.9
6 20	15 58.17	−16 19.6	1.151	2.102	13.3	19.1
6 30	15 52.11	−16 26.4	1.187	2.077	18.0	19.3

235891 2005 CA_{49} 5 28.0 158°.74 0°.4/27.9 18

4 21	16 47.23	−21 19.2	2.464	3.280	11.8	21.8
5 1	16 41.94	−21 5.0	2.382	3.287	9.1	21.6
5 11	16 34.84	−20 46.9	2.324	3.293	5.9	21.4
5 21	16 26.48	−20 25.6	2.293	3.299	2.5	21.2
5 31	16 17.61	−20 2.3	2.291	3.304	1.2	21.1
6 10	16 9.07	−19 39.1	2.318	3.308	4.7	21.3
6 20	16 1.57	−19 18.1	2.373	3.312	7.9	21.5
6 30	15 55.71	−19 1.7	2.452	3.316	10.8	21.7

437641 2014 BE_{39} 5 28.0 13°.11 3°.1/26.7 17

4 21	16 44.12	−14 25.2	2.062	2.897	13.2	21.2
5 1	16 39.88	−13 51.9	1.984	2.897	10.2	21.1
5 11	16 33.65	−13 18.6	1.928	2.897	6.9	20.8
5 21	16 26.02	−12 47.8	1.898	2.898	3.8	20.7
5 31	16 17.81	−12 22.0	1.895	2.898	3.5	20.6
6 10	16 9.92	−12 3.9	1.918	2.899	6.4	20.8
6 20	16 3.14	−11 55.1	1.968	2.899	9.8	21.0
6 30	15 58.13	−11 56.7	2.040	2.900	12.8	21.2

319179 2005 YH_{120} 5 28.0 239°.77 0°.9/27.7 18

4 21	16 47.24	−20 14.1	1.953	2.783	14.0	21.6
5 1	16 42.58	−19 58.0	1.863	2.775	10.8	21.3
5 11	16 35.60	−19 38.0	1.795	2.766	7.1	21.1
5 21	16 26.92	−19 14.8	1.752	2.757	3.0	20.8
5 31	16 17.43	−18 50.2	1.736	2.748	1.7	20.7
6 10	16 8.21	−18 26.8	1.748	2.739	5.8	21.0
6 20	16 0.21	−18 7.2	1.786	2.729	9.8	21.2
6 30	15 54.24	−17 54.3	1.847	2.719	13.4	21.4

59419 Prešov 5 28.0 13°.28 2°.8/28.6 18

4 21	16 48.82	−25 21.1	1.458	2.298	17.3	18.6
5 1	16 44.69	−26 10.7	1.385	2.299	13.6	18.4
5 11	16 37.43	−26 55.6	1.333	2.302	9.3	18.2
5 21	16 27.80	−27 32.3	1.303	2.305	4.8	17.9
5 31	16 17.05	−27 58.6	1.299	2.309	3.1	17.8
6 10	16 6.69	−28 14.4	1.320	2.313	6.9	18.0
6 20	15 58.11	−28 22.2	1.364	2.318	11.4	18.3
6 30	15 52.32	−28 26.0	1.430	2.323	15.3	18.6

127205 2002 HW_7 5 28.0 166°.80 0°.7/28.3 18

4 21	16 48.03	−23 42.4	1.989	2.813	14.0	20.6
5 1	16 43.12	−23 43.1	1.907	2.814	10.8	20.4
5 11	16 35.90	−23 38.2	1.847	2.816	7.2	20.2
5 21	16 27.02	−23 27.6	1.813	2.818	3.2	20.0
5 31	16 17.41	−23 11.8	1.806	2.819	1.3	19.8
6 10	16 8.16	−22 53.0	1.827	2.820	5.4	20.1
6 20	16 0.21	−22 34.0	1.874	2.820	9.2	20.3
6 30	15 54.30	−22 17.8	1.944	2.821	12.6	20.5

437116 2012 UP_{132} 5 28.0 231°.51 2°.0/27.3 17

4 21	16 46.05	−16 27.3	2.150	2.978	12.9	21.4
5 1	16 41.39	−16 13.7	2.062	2.972	10.0	21.2
5 11	16 34.68	−15 59.5	1.997	2.967	6.6	21.0
5 21	16 26.50	−15 46.0	1.957	2.961	3.2	20.7
5 31	16 17.63	−15 34.7	1.946	2.954	2.5	20.7
6 10	16 9.01	−15 27.6	1.962	2.948	5.8	20.9
6 20	16 1.47	−15 26.2	2.004	2.941	9.3	21.1
6 30	15 55.69	−15 31.8	2.070	2.934	12.5	21.3

112678 2002 PD_{96} 5 28.0 300°.10 2°.6/29.0 17

4 21	16 46.94	−28 25.6	1.903	2.724	14.6	20.0
5 1	16 42.60	−28 38.8	1.815	2.718	11.6	19.8
5 11	16 35.74	−28 43.4	1.748	2.711	8.0	19.5
5 21	16 27.02	−28 37.8	1.706	2.705	4.3	19.3
5 31	16 17.41	−28 21.8	1.690	2.699	2.7	19.2
6 10	16 8.10	−27 57.2	1.701	2.692	5.8	19.4
6 20	16 0.15	−27 27.5	1.737	2.686	9.6	19.6
6 30	15 54.40	−26 57.2	1.796	2.681	13.1	19.8

134604 1999 TN_{174} 5 28.0 259°.35 3°.1/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.92	−28 31.2	1.579	2.406	16.8	19.9
5 1	16 45.41	−28 51.4	1.496	2.403	13.3	19.7
5 11	16 37.85	−29 2.0	1.434	2.399	9.3	19.4
5 21	16 27.98	−29 0.5	1.395	2.395	5.1	19.1
5 31	16 17.01	−28 46.1	1.382	2.391	3.2	19.0
6 10	16 6.42	−28 20.7	1.394	2.387	6.7	19.2
6 20	15 57.53	−27 48.9	1.431	2.383	11.1	19.5
6 30	15 51.36	−27 16.3	1.489	2.379	15.1	19.7

245331 2005 EO_{133} 5 28.0 231°.99 11°.5/ 1.2 18

4 21	17 0.72	−53 35.3	2.317	3.003	16.0	20.1
5 1	16 54.45	−55 7.9	2.230	2.996	14.6	19.9
5 11	16 44.29	−56 22.7	2.162	2.988	13.1	19.8
5 21	16 30.90	−57 12.1	2.115	2.981	12.0	19.7
5 31	16 15.71	−57 29.9	2.090	2.973	11.5	19.7
6 10	16 0.70	−57 14.8	2.088	2.965	11.8	19.7
6 20	15 47.74	−56 30.5	2.108	2.956	12.9	19.7
6 30	15 38.25	−55 24.6	2.148	2.947	14.3	19.8

273992 2007 MZ_{16} 5 28.0 348°.34 6°.1/25.0 17

4 21	16 42.16	−12 13.1	1.480	2.336	16.3	20.3
5 1	16 39.09	−10 43.8	1.407	2.330	12.8	20.0
5 11	16 33.48	− 9 13.2	1.356	2.326	9.2	19.8
5 21	16 26.05	− 7 47.7	1.329	2.322	6.4	19.6
5 31	16 17.85	− 6 34.5	1.326	2.318	6.8	19.6
6 10	16 10.07	− 5 39.7	1.347	2.316	9.9	19.8
6 20	16 3.76	− 5 6.5	1.391	2.314	13.6	20.0
6 30	15 59.69	− 4 55.8	1.455	2.313	17.1	20.2

166019 2002 AN_{160} 5 28.0 74°.52 0°.1/28.0 18

4 21	16 51.77	−23 5.1	1.361	2.204	18.2	20.0
5 1	16 46.53	−22 47.1	1.309	2.226	14.0	19.8
5 11	16 38.27	−22 21.5	1.276	2.249	9.1	19.6
5 21	16 27.99	−21 49.2	1.266	2.272	3.8	19.4
5 31	16 17.09	−21 12.8	1.282	2.295	1.6	19.2
6 10	16 7.06	−20 36.5	1.323	2.317	6.8	19.6
6 20	15 59.07	−20 4.9	1.389	2.340	11.4	20.0
6 30	15 53.87	−19 41.7	1.475	2.361	15.3	20.3

215057 2009 DE_{83} 5 28.1 60°.54 0°.5/28.2 17

4 21	16 50.29	−22 26.7	1.317	2.165	18.4	20.4
5 1	16 45.69	−22 34.9	1.259	2.180	14.2	20.2
5 11	16 37.93	−22 37.6	1.221	2.195	9.3	20.0
5 21	16 27.93	−22 34.2	1.205	2.210	4.0	19.7
5 31	16 17.10	−22 25.4	1.213	2.226	1.6	19.6
6 10	16 6.99	−22 14.0	1.247	2.242	6.9	19.9
6 20	15 58.90	−22 3.4	1.304	2.258	11.7	20.3
6 30	15 53.68	−21 57.1	1.382	2.274	15.8	20.5

320671 2008 CH_{188} 5 28.1 347°.42 2°.2/28.5 17

4 21	16 44.93	−24 3.4	1.205	2.065	19.0	19.7
5 1	16 42.30	−24 40.9	1.130	2.057	14.9	19.5
5 11	16 36.23	−25 13.8	1.074	2.049	10.1	19.2
5 21	16 27.43	−25 39.6	1.038	2.043	4.9	18.8
5 31	16 17.24	−25 56.5	1.026	2.038	2.6	18.7
6 10	16 7.40	−26 5.1	1.037	2.034	7.6	19.0
6 20	15 59.49	−26 8.4	1.069	2.031	12.8	19.2
6 30	15 54.70	−26 10.5	1.121	2.029	17.4	19.5

94181 2001 AS_{36} 5 28.1 164°.04 6°.4/31.5 18

4 21	16 49.82	−42 58.7	2.666	3.413	12.8	19.1
5 1	16 44.40	−43 33.0	2.580	3.415	10.9	19.0
5 11	16 36.70	−43 53.5	2.515	3.417	8.9	18.9
5 21	16 27.36	−43 57.1	2.474	3.418	7.2	18.8
5 31	16 17.32	−43 42.0	2.459	3.420	6.4	18.7
6 10	16 7.62	−43 9.4	2.470	3.421	7.0	18.8
6 20	15 59.20	−42 22.6	2.508	3.422	8.7	18.9
6 30	15 52.80	−41 26.5	2.570	3.423	10.7	19.0

198270 2004 TU_{264} 5 28.1 266°.34 0°.4/28.2 17

4 21	16 47.35	−23 21.2	1.942	2.769	14.1	21.3
5 1	16 42.84	−23 13.9	1.844	2.753	11.0	21.0
5 11	16 35.90	−23 0.6	1.767	2.737	7.3	20.8
5 21	16 27.11	−22 41.3	1.716	2.721	3.2	20.5
5 31	16 17.40	−22 16.8	1.692	2.704	1.3	20.3
6 10	16 7.88	−21 49.5	1.694	2.687	5.7	20.5
6 20	15 59.58	−21 22.9	1.723	2.670	9.9	20.8
6 30	15 53.36	−21 0.3	1.775	2.653	13.6	20.9

411615 2011 SN_{141} 5 28.1 288°.27 2°.9/27.1 14 C

4 21	16 47.08	−17 48.3	1.307	2.163	18.0	22.1
5 1	16 43.59	−17 10.9	1.222	2.147	14.1	21.8
5 11	16 36.89	−16 28.7	1.156	2.132	9.4	21.5
5 21	16 27.67	−15 44.5	1.112	2.117	4.6	21.2
5 31	16 17.16	−15 2.6	1.093	2.102	3.7	21.1
6 10	16 6.93	−14 27.9	1.097	2.087	8.6	21.3
6 20	15 58.41	−14 5.0	1.124	2.072	13.8	21.5
6 30	15 52.72	−13 56.9	1.170	2.057	18.4	21.8

474037 2016 GX_{216} 5 28.1 19°.09 2°.5/27.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.59	−17 47.5	1.166	2.033	19.0	20.6
5 1	16 41.60	−17 24.4	1.107	2.038	14.7	20.4
5 11	16 35.43	−16 58.9	1.066	2.045	9.7	20.1
5 21	16 26.95	−16 33.7	1.046	2.052	4.5	19.8
5 31	16 17.53	−16 12.1	1.049	2.060	3.3	19.8
6 10	16 8.76	−15 57.9	1.076	2.069	8.1	20.1
6 20	16 1.94	−15 53.7	1.124	2.078	13.1	20.4
6 30	15 57.98	−16 1.3	1.191	2.089	17.4	20.7

58954 1998 QE_{76} 5 28.1 327°.51 1°.4/27.4 18

4 21	16 40.90	−22 6.6	1.404	2.264	16.8	18.3
5 1	16 38.70	−21 18.7	1.310	2.238	13.1	18.0
5 11	16 33.62	−20 19.7	1.235	2.213	8.7	17.7
5 21	16 26.27	−19 11.7	1.182	2.189	3.8	17.3
5 31	16 17.76	−17 59.2	1.154	2.166	2.4	17.2
6 10	16 9.45	−16 48.6	1.150	2.144	7.6	17.4
6 20	16 2.66	−15 46.8	1.169	2.123	12.8	17.6
6 30	15 58.41	−14 59.2	1.207	2.103	17.4	17.8

501149 2013 TR_{65} 5 28.1 172°.79 3°.5/26.1 18

4 21	16 46.61	−13 8.2	2.430	3.250	11.9	22.2
5 1	16 41.42	−12 14.9	2.350	3.254	9.2	22.0
5 11	16 34.50	−11 21.2	2.294	3.257	6.4	21.9
5 21	16 26.38	−10 30.1	2.265	3.259	3.9	21.7
5 31	16 17.80	− 9 44.8	2.264	3.261	3.9	21.7
6 10	16 9.52	− 9 8.1	2.293	3.262	6.3	21.9
6 20	16 2.26	− 8 42.0	2.348	3.263	9.2	22.0
6 30	15 56.55	− 8 27.6	2.426	3.262	11.8	22.2

382821 2003 WA_{38} 5 28.1 191°.84 1°.5/28.9 18

4 21	16 47.83	−28 36.5	2.497	3.300	12.1	21.4
5 1	16 42.54	−28 16.2	2.405	3.299	9.5	21.2
5 11	16 35.31	−27 46.8	2.336	3.297	6.5	21.0
5 21	16 26.75	−27 8.3	2.294	3.294	3.2	20.8
5 31	16 17.64	−26 21.8	2.281	3.291	1.7	20.7
6 10	16 8.85	−25 30.1	2.297	3.288	4.6	20.9
6 20	16 1.17	−24 36.8	2.340	3.284	7.8	21.1
6 30	15 55.22	−23 45.9	2.409	3.279	10.7	21.3

40417 1999 RD_{16} 5 28.1 131°.06 12°.4/20.1 18

4 21	16 46.02	+16 20.2	2.357	3.093	14.6	19.0
5 1	16 40.95	+18 3.1	2.317	3.107	13.4	19.0
5 11	16 34.16	+19 26.8	2.298	3.119	12.6	18.9
5 21	16 26.22	+20 25.7	2.301	3.132	12.4	18.9
5 31	16 17.88	+20 55.7	2.325	3.143	12.7	19.0
6 10	16 9.93	+20 56.1	2.370	3.155	13.5	19.0
6 20	16 3.05	+20 28.7	2.433	3.165	14.6	19.2
6 30	15 57.78	+19 37.2	2.514	3.176	15.7	19.3

169578 2002 GA_{15} 5 28.1 20°.31 1°.6/27.6 17

4 21	16 45.67	−19 28.4	1.167	2.031	19.1	19.7
5 1	16 42.51	−19 11.8	1.105	2.036	14.8	19.5
5 11	16 36.07	−18 51.2	1.062	2.041	9.7	19.2
5 21	16 27.25	−18 28.3	1.041	2.047	4.2	18.9
5 31	16 17.43	−18 6.0	1.042	2.054	2.5	18.8
6 10	16 8.26	−17 48.0	1.067	2.062	7.9	19.2
6 20	16 1.09	−17 37.9	1.114	2.070	13.0	19.5
6 30	15 56.86	−17 38.0	1.180	2.079	17.4	19.8

519995 2013 TM_{169} 5 28.1 128°.16 1°.8/28.9 17

4 21	16 49.24	−28 4.9	2.093	2.905	13.8	21.6
5 1	16 43.87	−27 54.8	2.018	2.916	10.8	21.4
5 11	16 36.28	−27 35.5	1.964	2.927	7.3	21.2
5 21	16 27.17	−27 6.5	1.936	2.937	3.7	21.0
5 31	16 17.48	−26 29.1	1.936	2.947	2.0	20.9
6 10	16 8.27	−25 46.1	1.965	2.957	5.1	21.1
6 20	16 0.42	−25 1.6	2.019	2.966	8.7	21.4
6 30	15 54.61	−24 19.6	2.098	2.974	11.9	21.6

64198 2001 TK_{77} 5 28.1 117°.09 1°.1/27.7 18 R

4 21	16 48.31	−19 11.3	1.809	2.642	14.8	19.5
5 1	16 43.42	−19 1.5	1.736	2.649	11.4	19.3
5 11	16 36.13	−18 49.1	1.684	2.656	7.4	19.1
5 21	16 27.16	−18 35.0	1.658	2.663	3.2	18.8
5 31	16 17.48	−18 20.7	1.658	2.669	1.9	18.8
6 10	16 8.24	−18 8.3	1.685	2.676	6.0	19.0
6 20	16 0.40	−18 0.3	1.738	2.682	10.0	19.3
6 30	15 54.71	−17 58.7	1.814	2.688	13.5	19.5

467482 2006 SB_{186} 5 28.1 321°.69 3°.1/28.8 17

4 21	16 47.56	−26 49.6	1.372	2.216	18.0	21.2
5 1	16 44.13	−27 24.6	1.289	2.205	14.3	20.9
5 11	16 37.36	−27 52.4	1.224	2.194	9.9	20.6
5 21	16 27.93	−28 10.0	1.182	2.183	5.3	20.3
5 31	16 17.11	−28 15.4	1.164	2.173	3.4	20.1
6 10	16 6.54	−28 9.4	1.169	2.164	7.4	20.4
6 20	15 57.77	−27 55.8	1.198	2.155	12.2	20.6
6 30	15 51.97	−27 39.9	1.247	2.147	16.7	20.8

80934 2000 DM_{79} 5 28.1 206°.64 0°.6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.67	−23 28.5	2.116	2.932	13.5	20.8
5 1	16 45.12	−23 29.0	2.023	2.926	10.5	20.6
5 11	16 37.25	−23 24.3	1.952	2.919	7.0	20.4
5 21	16 27.67	−23 13.9	1.908	2.912	3.1	20.1
5 31	16 17.27	−22 58.3	1.892	2.904	1.3	20.0
6 10	16 7.13	−22 39.4	1.904	2.896	5.3	20.2
6 20	15 58.20	−22 19.8	1.943	2.886	9.2	20.5
6 30	15 51.29	−22 2.7	2.006	2.876	12.6	20.7

504597 2008 UH_{113} 5 28.1 236°.40 2°.4/28.9 17

4 21	16 48.10	−28 9.2	1.988	2.805	14.2	21.7
5 1	16 43.37	−28 20.5	1.900	2.801	11.2	21.5
5 11	16 36.21	−28 23.6	1.834	2.797	7.8	21.3
5 21	16 27.25	−28 16.9	1.793	2.793	4.1	21.1
5 31	16 17.46	−28 0.4	1.779	2.788	2.5	21.0
6 10	16 7.98	−27 35.8	1.792	2.784	5.6	21.1
6 20	15 59.82	−27 6.7	1.831	2.779	9.3	21.4
6 30	15 53.80	−26 37.1	1.894	2.775	12.7	21.6

233267 2005 YA_{211} 5 28.1 184°.42 9°.2/ 2.4 18

4 21	16 55.73	−48 26.6	2.036	2.768	16.7	20.2
5 1	16 49.86	−48 54.3	1.952	2.768	14.6	20.1
5 11	16 40.70	−49 0.5	1.886	2.768	12.4	19.9
5 21	16 29.17	−48 39.6	1.842	2.768	10.4	19.8
5 31	16 16.70	−47 48.9	1.821	2.768	9.3	19.7
6 10	16 4.96	−46 30.7	1.825	2.767	9.7	19.8
6 20	15 55.32	−44 51.4	1.854	2.766	11.4	19.9
6 30	15 48.68	−43 0.5	1.907	2.765	13.6	20.0

338782 2003 UA_{296} 5 28.1 212°.42 1°.4/28.7 17

4 21	16 47.89	−26 7.1	2.232	3.046	13.0	22.0
5 1	16 42.89	−26 11.6	2.141	3.041	10.1	21.8
5 11	16 35.74	−26 9.7	2.072	3.037	6.9	21.6
5 21	16 27.02	−26 0.4	2.030	3.032	3.3	21.4
5 31	16 17.57	−25 44.0	2.015	3.026	1.7	21.2
6 10	16 8.38	−25 22.4	2.028	3.020	5.0	21.5
6 20	16 0.35	−24 58.3	2.068	3.014	8.5	21.7
6 30	15 54.19	−24 35.1	2.133	3.008	11.7	21.9

213207 2000 TN_{40} 5 28.1 180°.53 2°.8/27.1 16

4 21	16 50.85	−14 57.8	1.895	2.721	14.5	21.2
5 1	16 45.28	−14 39.2	1.814	2.723	11.2	21.0
5 11	16 37.35	−14 20.8	1.756	2.724	7.5	20.7
5 21	16 27.70	−14 4.4	1.723	2.724	3.9	20.5
5 31	16 17.31	−13 52.0	1.717	2.724	3.3	20.5
6 10	16 7.27	−13 45.8	1.739	2.722	6.7	20.7
6 20	15 58.55	−13 47.3	1.787	2.720	10.5	20.9
6 30	15 51.93	−13 57.7	1.859	2.718	13.9	21.1

106031 2000 SL_{300} 5 28.1 124°.86 3°.9/30.0 18

4 21	16 48.61	−34 42.2	2.673	3.454	11.9	20.1
5 1	16 43.15	−35 6.0	2.594	3.466	9.7	20.0
5 11	16 35.73	−35 20.0	2.538	3.477	7.2	19.9
5 21	16 26.96	−35 22.1	2.508	3.488	4.9	19.7
5 31	16 17.63	−35 11.8	2.506	3.499	3.9	19.7
6 10	16 8.65	−34 50.4	2.532	3.510	5.2	19.8
6 20	16 0.79	−34 20.6	2.585	3.520	7.6	19.9
6 30	15 54.68	−33 46.2	2.663	3.530	9.9	20.1

494351 2016 TA_{74} 5 28.1 27°.06 4°.6/29.9 16

4 21	16 47.69	−34 2.5	2.193	2.990	13.7	21.4
5 1	16 42.98	−34 37.5	2.111	2.992	11.1	21.2
5 11	16 35.91	−35 2.2	2.050	2.994	8.3	21.0
5 21	16 27.12	−35 13.8	2.014	2.997	5.6	20.9
5 31	16 17.55	−35 10.9	2.004	2.999	4.6	20.8
6 10	16 8.30	−34 54.6	2.021	3.001	6.2	20.9
6 20	16 0.34	−34 28.0	2.065	3.004	8.9	21.1
6 30	15 54.45	−33 55.6	2.132	3.007	11.7	21.2

24188 Matthewage 5 28.1 19°.59 2°.7/26.9 18

4 21	16 45.99	−18 55.0	1.396	2.249	17.2	17.8
5 1	16 42.25	−18 2.6	1.326	2.251	13.3	17.5
5 11	16 35.67	−17 4.4	1.277	2.253	8.8	17.3
5 21	16 27.05	−16 3.9	1.251	2.255	4.2	17.0
5 31	16 17.60	−15 6.0	1.249	2.258	3.4	17.0
6 10	16 8.71	−14 16.1	1.273	2.261	7.8	17.3
6 20	16 1.52	−13 38.8	1.320	2.265	12.4	17.5
6 30	15 56.88	−13 16.7	1.387	2.269	16.4	17.8

496620 2015 PN_3 5 28.1 298°.25 12°.6/ 2.4 18

4 21	16 59.28	−58 33.1	2.407	3.061	16.2	20.9
5 1	16 53.76	−59 58.1	2.315	3.045	15.0	20.8
5 11	16 44.08	−61 3.8	2.239	3.028	13.9	20.7
5 21	16 30.94	−61 42.6	2.182	3.011	13.0	20.6
5 31	16 15.88	−61 48.5	2.146	2.994	12.6	20.5
6 10	16 1.07	−61 20.0	2.130	2.978	12.7	20.5
6 20	15 48.55	−60 20.4	2.135	2.961	13.5	20.5
6 30	15 39.79	−58 57.2	2.160	2.945	14.7	20.5

305845 2009 EK_3 5 28.1 89°.83 1°.6/27.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.92	−19 17.0	1.482	2.322	17.1	21.3
5 1	16 45.72	−18 54.9	1.423	2.340	13.1	21.1
5 11	16 37.74	−18 29.4	1.384	2.358	8.6	20.9
5 21	16 27.86	−18 1.9	1.370	2.375	3.7	20.6
5 31	16 17.31	−17 35.0	1.381	2.392	2.4	20.6
6 10	16 7.46	−17 12.0	1.418	2.409	6.9	20.9
6 20	15 59.41	−16 56.0	1.480	2.425	11.3	21.2
6 30	15 53.92	−16 49.2	1.563	2.442	15.1	21.4

304705 2006 WW_{193} 5 28.1 215°.87 0°.1/28.1 18

4 21	16 45.18	−22 31.0	2.769	3.582	10.8	22.3
5 1	16 40.36	−22 25.2	2.673	3.575	8.3	22.1
5 11	16 33.87	−22 15.5	2.601	3.568	5.5	21.9
5 21	16 26.19	−22 2.1	2.556	3.561	2.3	21.7
5 31	16 17.97	−21 45.8	2.540	3.553	1.0	21.5
6 10	16 9.94	−21 28.2	2.553	3.545	4.2	21.8
6 20	16 2.76	−21 11.1	2.595	3.536	7.2	21.9
6 30	15 57.02	−20 56.6	2.661	3.527	10.0	22.1

137465 1999 UG_3 5 28.1 201°.51 1°.5/28.6 17

4 21	16 50.45	−25 42.7	1.802	2.625	15.2	20.9
5 1	16 45.36	−25 46.9	1.716	2.622	11.9	20.7
5 11	16 37.61	−25 43.7	1.653	2.620	8.0	20.4
5 21	16 27.89	−25 31.9	1.613	2.616	3.8	20.2
5 31	16 17.26	−25 11.9	1.601	2.613	1.8	20.0
6 10	16 6.97	−24 46.0	1.616	2.609	5.9	20.3
6 20	15 58.17	−24 17.8	1.656	2.604	10.1	20.5
6 30	15 51.72	−23 51.7	1.719	2.599	13.8	20.7

371939 2008 EL_{121} 5 28.1 34°.84 1°.4/27.6 17

4 21	16 46.52	−19 39.5	1.346	2.201	17.7	21.2
5 1	16 42.73	−19 22.1	1.284	2.209	13.6	20.9
5 11	16 36.01	−19 0.9	1.242	2.218	8.9	20.7
5 21	16 27.20	−18 37.3	1.222	2.228	3.8	20.4
5 31	16 17.57	−18 14.0	1.226	2.238	2.3	20.4
6 10	16 8.55	−17 54.3	1.255	2.249	7.2	20.7
6 20	16 1.34	−17 41.4	1.308	2.260	11.8	21.0
6 30	15 56.77	−17 37.7	1.381	2.272	15.9	21.2

149969 2005 TE_{154} 5 28.1 279°.88 2°.5/29.2 18

4 21	16 45.91	−29 28.6	2.312	3.121	12.7	20.3
5 1	16 41.47	−29 36.3	2.212	3.107	10.1	20.1
5 11	16 34.88	−29 35.6	2.134	3.092	7.1	19.9
5 21	16 26.70	−29 25.4	2.081	3.078	4.0	19.7
5 31	16 17.74	−29 5.4	2.056	3.063	2.6	19.6
6 10	16 8.97	−28 37.3	2.058	3.048	5.1	19.7
6 20	16 1.29	−28 4.1	2.087	3.033	8.4	19.9
6 30	15 55.43	−27 29.6	2.140	3.019	11.6	20.1

355074 2006 ST_{262} 5 28.1 264°.52 0°.7/27.8 18

4 21	16 45.19	−20 12.2	2.294	3.119	12.3	21.8
5 1	16 40.74	−19 59.4	2.196	3.105	9.5	21.6
5 11	16 34.32	−19 43.4	2.121	3.091	6.3	21.4
5 21	16 26.45	−19 24.7	2.072	3.077	2.7	21.1
5 31	16 17.86	−19 4.7	2.051	3.063	1.5	21.0
6 10	16 9.46	−18 45.5	2.058	3.049	5.1	21.2
6 20	16 2.04	−18 29.2	2.092	3.034	8.7	21.4
6 30	15 56.31	−18 18.2	2.150	3.019	11.9	21.6

354091 2001 XH_{19} 5 28.1 202°.76 0°.9/27.7 18

4 21	16 46.48	−17 54.9	2.894	3.706	10.4	21.5
5 1	16 41.24	−18 0.5	2.799	3.701	8.0	21.3
5 11	16 34.40	−18 5.4	2.729	3.696	5.2	21.2
5 21	16 26.41	−18 10.0	2.686	3.690	2.3	20.9
5 31	16 17.89	−18 14.8	2.673	3.684	1.4	20.9
6 10	16 9.52	−18 20.5	2.690	3.678	4.3	21.1
6 20	16 1.95	−18 28.1	2.735	3.671	7.2	21.2
6 30	15 55.74	−18 38.6	2.806	3.663	9.8	21.4

120455 1989 GF_2 5 28.1 6°.23 4°.0/26.1 18

4 21	16 43.12	−16 51.2	1.484	2.339	16.3	19.2
5 1	16 39.83	−15 34.6	1.414	2.339	12.6	18.9
5 11	16 33.98	−14 12.9	1.365	2.340	8.5	18.7
5 21	16 26.32	−12 51.4	1.340	2.342	4.7	18.5
5 31	16 17.94	−11 36.2	1.340	2.344	4.7	18.5
6 10	16 10.07	−10 33.6	1.365	2.347	8.3	18.7
6 20	16 3.72	− 9 47.7	1.414	2.350	12.4	18.9
6 30	15 59.66	− 9 20.7	1.483	2.355	16.1	19.2

510643 2012 TC_{219} 5 28.1 245°.87 2°.8/28.9 17

4 21	16 50.71	−27 54.4	2.304	3.107	13.0	21.5
5 1	16 45.27	−28 35.4	2.201	3.094	10.3	21.3
5 11	16 37.48	−29 11.4	2.122	3.080	7.2	21.1
5 21	16 27.86	−29 39.9	2.069	3.065	4.1	20.9
5 31	16 17.26	−29 59.0	2.044	3.050	2.9	20.8
6 10	16 6.73	−30 8.8	2.048	3.035	5.5	20.9
6 20	15 57.27	−30 10.8	2.079	3.019	8.8	21.1
6 30	15 49.74	−30 8.0	2.134	3.003	11.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
134295 2006 DB_{41}			5 28.1	26°.74	3°.2/27.6	18
	h m	° ′			°	m
4 21	16 46.74	−12 48.4	1.363	2.216	17.6	18.2
5 1	16 42.76	−13 2.6	1.306	2.229	13.6	18.0
5 11	16 35.96	−13 22.3	1.269	2.243	9.1	17.8
5 21	16 27.17	−13 48.6	1.255	2.258	4.7	17.6
5 31	16 17.60	−14 21.7	1.265	2.273	3.7	17.5
6 10	16 8.62	−15 1.6	1.301	2.290	7.6	17.8
6 20	16 1.37	−15 47.3	1.359	2.307	11.8	18.1
6 30	15 56.66	−16 38.3	1.439	2.326	15.6	18.4
175878 1999 VZ_{168}			5 28.1	216°.96	0°.8/28.4	17
4 21	16 51.00	−23 53.5	2.020	2.837	14.0	21.6
5 1	16 45.56	−23 57.0	1.925	2.829	11.0	21.4
5 11	16 37.65	−23 55.1	1.853	2.820	7.3	21.1
5 21	16 27.91	−23 46.8	1.806	2.810	3.3	20.9
5 31	16 17.26	−23 32.6	1.787	2.800	1.4	20.7
6 10	16 6.85	−23 14.3	1.797	2.789	5.5	20.9
6 20	15 57.70	−22 54.7	1.833	2.777	9.5	21.2
6 30	15 50.67	−22 37.3	1.892	2.765	13.1	21.4
56735 2000 NB_{18}			5 28.1	335°.98	2°.2/28.6	18
4 21	16 44.79	−25 21.2	1.348	2.200	17.8	18.3
5 1	16 41.96	−25 46.4	1.266	2.187	14.1	18.0
5 11	16 35.92	−26 5.0	1.202	2.175	9.6	17.7
5 21	16 27.35	−26 14.9	1.161	2.164	4.7	17.4
5 31	16 17.47	−26 15.2	1.143	2.154	2.6	17.2
6 10	16 7.87	−26 7.3	1.149	2.145	7.1	17.5
6 20	15 59.99	−25 54.8	1.178	2.137	12.1	17.7
6 30	15 54.99	−25 42.4	1.226	2.130	16.6	18.0
127030 2002 GZ_{28}			5 28.1	158°.40	0°.6/28.3	17
4 21	16 47.70	−23 51.2	1.952	2.777	14.1	20.4
5 1	16 42.93	−23 46.6	1.870	2.779	11.0	20.2
5 11	16 35.85	−23 35.9	1.812	2.781	7.3	19.9
5 21	16 27.10	−23 19.1	1.778	2.782	3.2	19.7
5 31	16 17.63	−22 57.3	1.771	2.784	1.3	19.5
6 10	16 8.52	−22 32.7	1.792	2.785	5.4	19.8
6 20	16 0.74	−22 8.5	1.839	2.786	9.3	20.1
6 30	15 55.02	−21 47.9	1.909	2.787	12.7	20.3
205803 2002 CT_{164}			5 28.1	340°.72	0°.7/27.9	18
4 21	16 45.60	−18 34.8	1.135	2.002	19.4	19.1
5 1	16 42.92	−18 57.7	1.061	1.992	15.2	18.8
5 11	16 36.74	−19 21.6	1.004	1.983	10.1	18.4
5 21	16 27.75	−19 46.0	0.969	1.975	4.3	18.1
5 31	16 17.31	−20 10.5	0.956	1.968	2.0	17.9
6 10	16 7.19	−20 35.8	0.965	1.962	8.0	18.2
6 20	15 59.00	−21 2.8	0.996	1.957	13.6	18.5
6 30	15 53.98	−21 33.5	1.047	1.954	18.5	18.8
89565 2001 XW_{103}			5 28.1	312°.36	8°.3/26.1	18
4 21	16 46.73	− 4 0.0	1.458	2.297	17.4	18.9
5 1	16 43.25	− 3 32.7	1.353	2.260	14.4	18.6
5 11	16 36.78	− 3 16.3	1.268	2.223	11.2	18.3
5 21	16 27.80	− 3 16.6	1.205	2.187	8.7	18.1
5 31	16 17.25	− 3 39.0	1.165	2.150	8.7	18.0
6 10	16 6.49	− 4 26.2	1.148	2.114	11.5	18.0
6 20	15 56.94	− 5 37.5	1.154	2.078	15.7	18.2
6 30	15 49.83	− 7 10.0	1.179	2.043	19.9	18.3
58864 1998 HC_{109}			5 28.1	8°.36	8°.5/25.7	18
4 21	16 44.03	− 3 18.7	1.465	2.308	17.1	18.7
5 1	16 40.50	− 2 30.1	1.402	2.309	14.0	18.4
5 11	16 34.43	− 1 52.8	1.358	2.310	10.9	18.3
5 21	16 26.54	− 1 32.4	1.337	2.313	8.8	18.1
5 31	16 17.89	− 1 33.3	1.339	2.316	8.9	18.2
6 10	16 9.68	− 1 57.2	1.364	2.320	11.1	18.3
6 20	16 2.96	− 2 42.7	1.412	2.324	14.2	18.5
6 30	15 58.50	− 3 46.4	1.479	2.329	17.3	18.7
508663 2017 UQ_{9}			5 28.1	190°.16	2°.7/26.8	17
4 21	16 47.51	−13 51.9	2.499	3.316	11.7	22.4
5 1	16 42.17	−13 27.4	2.411	3.315	9.1	22.2
5 11	16 35.07	−13 3.2	2.348	3.313	6.1	22.0
5 21	16 26.72	−12 41.2	2.311	3.310	3.4	21.8
5 31	16 17.81	−12 23.3	2.303	3.306	3.1	21.8
6 10	16 9.15	−12 11.2	2.325	3.302	5.7	22.0
6 20	16 1.44	−12 6.5	2.373	3.297	8.7	22.2
6 30	15 55.29	−12 10.0	2.446	3.292	11.4	22.3
492199 2013 RZ_{64}			5 28.1	276°.38	4°.8/25.5	17
4 21	16 46.09	−14 44.1	1.678	2.520	15.3	21.3
5 1	16 42.05	−13 21.2	1.586	2.503	12.0	21.0
5 11	16 35.48	−11 53.1	1.516	2.486	8.4	20.8
5 21	16 27.03	−10 24.7	1.471	2.468	5.3	20.5
5 31	16 17.66	− 9 2.4	1.453	2.451	5.5	20.5
6 10	16 8.55	− 7 52.7	1.460	2.433	8.9	20.7
6 20	16 0.78	− 7 0.3	1.492	2.415	12.9	20.8
6 30	15 55.18	− 6 28.0	1.545	2.397	16.6	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
85905 1999 CY_{73}			5 28.1	39°.45	4°.1/26.8	18
	h m	° ′			°	m
4 21	16 45.95	−14 42.6	1.275	2.134	18.2	18.6
5 1	16 42.14	−13 59.7	1.227	2.153	14.0	18.4
5 11	16 35.49	−13 17.6	1.198	2.173	9.4	18.2
5 21	16 26.93	−12 40.5	1.192	2.193	5.2	18.0
5 31	16 17.77	−12 12.5	1.210	2.215	4.7	18.0
6 10	16 9.37	−11 56.9	1.252	2.237	8.4	18.3
6 20	16 2.81	−11 55.2	1.316	2.259	12.6	18.6
6 30	15 58.83	−12 7.6	1.400	2.282	16.3	18.9
119358 2001 SW_{238}			5 28.1	9°.38	0°.7/27.9	17
4 21	16 47.35	−20 7.5	1.551	2.395	16.3	20.2
5 1	16 43.20	−20 6.0	1.476	2.395	12.6	20.0
5 11	16 36.30	−20 1.3	1.422	2.396	8.3	19.7
5 21	16 27.37	−19 53.8	1.391	2.397	3.5	19.5
5 31	16 17.54	−19 44.8	1.385	2.398	1.7	19.3
6 10	16 8.12	−19 36.6	1.405	2.399	6.5	19.6
6 20	16 0.27	−19 31.7	1.450	2.401	11.1	19.9
6 30	15 54.86	−19 32.5	1.516	2.402	15.0	20.1
160678 2000 CZ_{140}			5 28.1	247°.57	5°.5/30.7	18
4 21	16 50.08	−37 53.2	2.192	2.973	14.2	20.2
5 1	16 45.00	−38 11.6	2.095	2.962	11.8	20.0
5 11	16 37.36	−38 16.1	2.019	2.952	9.1	19.8
5 21	16 27.81	−38 3.4	1.967	2.941	6.6	19.6
5 31	16 17.36	−37 32.3	1.941	2.930	5.5	19.5
6 10	16 7.22	−36 44.4	1.943	2.918	6.8	19.6
6 20	15 58.48	−35 44.1	1.970	2.907	9.5	19.7
6 30	15 51.99	−34 37.6	2.021	2.895	12.3	19.9
103975 2000 DO_{83}			5 28.1	191°.17	4°.3/29.8	18
4 21	16 49.36	−33 9.7	2.131	2.929	14.0	19.5
5 1	16 44.33	−33 38.8	2.045	2.929	11.3	19.3
5 11	16 36.86	−33 57.5	1.981	2.928	8.3	19.1
5 21	16 27.58	−34 3.3	1.941	2.928	5.5	18.9
5 31	16 17.47	−33 54.7	1.929	2.927	4.3	18.8
6 10	16 7.67	−33 33.1	1.943	2.926	6.1	19.0
6 20	15 59.22	−33 1.9	1.983	2.925	9.1	19.1
6 30	15 52.92	−32 25.8	2.048	2.923	12.1	19.3
202534 2006 DB_{37}			5 28.1	114°.18	0°.9/27.7	17
4 21	16 46.54	−20 24.1	1.888	2.722	14.2	20.5
5 1	16 42.06	−20 7.1	1.809	2.723	11.0	20.2
5 11	16 35.29	−19 46.2	1.752	2.724	7.2	20.0
5 21	16 26.89	−19 22.2	1.720	2.726	3.1	19.8
5 31	16 17.78	−18 57.0	1.715	2.727	1.7	19.7
6 10	16 9.05	−18 33.4	1.737	2.728	5.8	19.9
6 20	16 1.61	−18 14.1	1.784	2.729	9.7	20.2
6 30	15 56.21	−18 1.4	1.855	2.731	13.2	20.4
410400 2007 XX_{20}			5 28.1	205°.97	0°.5/27.9	17
4 21	16 51.33	−20 38.5	1.985	2.806	14.1	22.4
5 1	16 45.77	−20 34.4	1.894	2.801	11.0	22.2
5 11	16 37.77	−20 26.9	1.825	2.794	7.2	22.0
5 21	16 27.98	−20 15.9	1.782	2.787	3.1	21.7
5 31	16 17.32	−20 2.3	1.767	2.780	1.4	21.6
6 10	16 6.92	−19 48.3	1.780	2.771	5.7	21.8
6 20	15 57.80	−19 36.2	1.820	2.762	9.8	22.0
6 30	15 50.78	−19 28.7	1.883	2.752	13.3	22.2
502457 2015 BE_{304}			5 28.1	56°.11	2°.6/28.9	17
4 21	16 49.11	−27 9.3	1.782	2.606	15.4	20.8
5 1	16 44.37	−27 39.4	1.707	2.611	12.1	20.6
5 11	16 36.99	−28 2.4	1.653	2.617	8.3	20.4
5 21	16 27.66	−28 16.2	1.623	2.622	4.4	20.1
5 31	16 17.46	−28 19.8	1.619	2.628	2.8	20.0
6 10	16 7.66	−28 14.4	1.642	2.634	6.0	20.2
6 20	15 59.37	−28 3.0	1.690	2.639	9.9	20.5
6 30	15 53.44	−27 49.5	1.761	2.645	13.4	20.7
71494 2000 CH_{14}			5 28.1	276°.87	1°.4/28.8	18
4 21	16 46.73	−27 11.7	2.019	2.840	13.9	19.0
5 1	16 42.36	−26 56.4	1.919	2.823	11.0	18.8
5 11	16 35.61	−26 31.6	1.840	2.805	7.5	18.5
5 21	16 27.09	−25 56.8	1.786	2.788	3.6	18.2
5 31	16 17.69	−25 13.2	1.759	2.771	1.7	18.1
6 10	16 8.52	−24 23.7	1.760	2.753	5.4	18.3
6 20	16 0.58	−23 32.7	1.786	2.735	9.4	18.5
6 30	15 54.69	−22 44.9	1.837	2.717	13.1	18.7
419903 2011 AG_{74}			5 28.1	54°.57	7°.4/ 1.7	17
4 21	16 53.74	−43 28.2	1.593	2.371	18.8	20.1
5 1	16 48.36	−43 12.9	1.525	2.385	15.8	20.0
5 11	16 39.63	−42 32.1	1.476	2.400	12.5	19.8
5 21	16 28.68	−41 22.4	1.449	2.415	9.3	19.6
5 31	16 17.14	−39 44.4	1.445	2.430	7.5	19.6
6 10	16 6.67	−37 44.9	1.468	2.445	8.4	19.7
6 20	15 58.52	−35 34.4	1.516	2.460	11.2	19.9
6 30	15 53.45	−33 24.1	1.588	2.476	14.3	20.1

214118 2004 VM_{18} 5 28.1 190°.39 0°.6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.41	−24 8.7	2.389	3.202	12.3	22.2
5 1	16 43.09	−24 2.9	2.299	3.200	9.5	22.0
5 11	16 35.79	−23 51.5	2.233	3.199	6.3	21.8
5 21	16 27.07	−23 34.5	2.192	3.196	2.8	21.5
5 31	16 17.73	−23 12.7	2.181	3.193	1.1	21.4
6 10	16 8.66	−22 48.0	2.198	3.190	4.7	21.6
6 20	16 0.67	−22 23.0	2.243	3.186	8.1	21.8
6 30	15 54.42	−22 0.6	2.313	3.181	11.2	22.0

244800 2003 SO_{252} 5 28.1 204°.01 1°.8/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.11	−25 40.0	1.896	2.713	14.8	20.7
5 1	16 46.62	−25 59.6	1.807	2.709	11.7	20.5
5 11	16 38.47	−26 13.2	1.740	2.705	7.9	20.2
5 21	16 28.32	−26 18.9	1.698	2.700	3.9	20.0
5 31	16 17.19	−26 16.2	1.683	2.694	2.1	19.8
6 10	16 6.34	−26 6.2	1.696	2.688	5.8	20.1
6 20	15 56.89	−25 51.9	1.735	2.681	9.9	20.3
6 30	15 49.75	−25 37.1	1.797	2.673	13.5	20.5

302321 2002 AO_{60} 5 28.1 75°.03 6°.9/25.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.94	− 0 40.6	2.285	3.093	12.9	20.5
5 1	16 40.12	− 0 1.0	2.232	3.114	10.6	20.4
5 11	16 33.64	+ 0 28.8	2.201	3.134	8.5	20.3
5 21	16 26.09	+ 0 45.2	2.196	3.155	7.1	20.2
5 31	16 18.17	+ 0 46.1	2.216	3.175	7.1	20.3
6 10	16 10.67	+ 0 30.6	2.263	3.195	8.6	20.4
6 20	16 4.21	− 0 0.4	2.335	3.215	10.6	20.5
6 30	15 59.31	− 0 44.9	2.428	3.235	12.7	20.7

86171 1999 RO_{211} 5 28.1 222°.44 6°.5/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.89	− 1 56.3	2.799	3.604	10.9	19.3
5 1	16 38.45	− 0 28.2	2.718	3.597	9.0	19.2
5 11	16 32.56	+ 0 55.2	2.661	3.589	7.4	19.0
5 21	16 25.66	+ 2 9.4	2.632	3.581	6.6	19.0
5 31	16 18.33	+ 3 10.3	2.630	3.573	7.0	19.0
6 10	16 11.19	+ 3 55.2	2.655	3.564	8.4	19.1
6 20	16 4.83	+ 4 22.6	2.704	3.555	10.3	19.2
6 30	15 59.72	+ 4 32.8	2.776	3.546	12.2	19.3

125856 2001 XR_{188} 5 28.1 274°.92 0°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.93	−25 11.2	1.938	2.760	14.4	19.8
5 1	16 44.29	−24 58.6	1.826	2.732	11.3	19.5
5 11	16 37.06	−24 37.7	1.736	2.704	7.6	19.2
5 21	16 27.79	−24 8.0	1.672	2.676	3.5	18.9
5 31	16 17.40	−23 30.3	1.634	2.646	1.5	18.7
6 10	16 7.08	−22 47.4	1.624	2.617	5.9	18.9
6 20	15 57.96	−22 3.4	1.639	2.586	10.3	19.1
6 30	15 50.99	−21 23.1	1.678	2.556	14.2	19.3

319545 2006 RW_{94} 5 28.1 13°.59 1°.8/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.93	−25 51.9	1.241	2.096	18.9	20.2
5 1	16 42.81	−25 57.6	1.175	2.099	14.8	20.0
5 11	16 36.39	−25 53.4	1.128	2.102	10.0	19.7
5 21	16 27.51	−25 38.5	1.102	2.106	4.7	19.4
5 31	16 17.57	−25 13.5	1.099	2.111	2.3	19.3
6 10	16 8.24	−24 42.3	1.120	2.117	7.1	19.6
6 20	16 0.90	−24 9.9	1.163	2.123	12.1	19.9
6 30	15 56.53	−23 41.9	1.226	2.131	16.5	20.2

501841 2014 WT_{139} 5 28.1 178°.26 0°.1/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.95	−21 46.5	1.955	2.776	14.3	22.0
5 1	16 45.43	−21 42.4	1.872	2.778	11.1	21.8
5 11	16 37.51	−21 33.9	1.811	2.780	7.3	21.5
5 21	16 27.86	−21 21.0	1.776	2.781	3.1	21.3
5 31	16 17.43	−21 4.6	1.768	2.781	1.3	21.1
6 10	16 7.36	−20 46.9	1.789	2.780	5.6	21.4
6 20	15 58.64	−20 30.6	1.835	2.779	9.6	21.7
6 30	15 52.04	−20 18.5	1.906	2.777	13.1	21.9

269684 1995 YF_{18} 5 28.1 337°.73 3°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.39	−10 11.1	1.331	2.185	17.9	18.8
5 1	16 43.08	−10 43.0	1.246	2.168	14.2	18.6
5 11	16 36.67	−11 26.7	1.179	2.151	9.9	18.3
5 21	16 27.75	−12 23.6	1.135	2.136	5.5	18.0
5 31	16 17.42	−13 33.5	1.115	2.122	4.3	17.9
6 10	16 7.18	−14 54.2	1.119	2.110	8.4	18.0
6 20	15 58.48	−16 22.6	1.147	2.098	13.2	18.3
6 30	15 52.48	−17 55.8	1.195	2.088	17.7	18.5

313116 Pálvenetianer 5 28.1 133°.99 0°.5/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.51	−23 43.0	1.753	2.578	15.5	22.0
5 1	16 46.03	−23 36.2	1.681	2.589	12.0	21.8
5 11	16 37.95	−23 22.9	1.630	2.599	7.9	21.6
5 21	16 28.04	−23 2.8	1.604	2.609	3.4	21.3
5 31	16 17.40	−22 37.3	1.606	2.618	1.4	21.2
6 10	16 7.29	−22 9.1	1.634	2.627	5.9	21.5
6 20	15 58.76	−21 41.9	1.688	2.635	10.0	21.8
6 30	15 52.59	−21 19.4	1.766	2.643	13.7	22.0

449870 2015 MS_{58} 5 28.1 290°.11 4°.5/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.26	− 8 44.8	2.293	3.118	12.3	21.1
5 1	16 40.04	− 8 20.1	2.191	3.095	9.8	20.9
5 11	16 33.91	− 7 59.4	2.112	3.071	7.1	20.7
5 21	16 26.35	− 7 45.3	2.059	3.048	4.9	20.5
5 31	16 18.06	− 7 40.2	2.033	3.025	4.9	20.5
6 10	16 9.85	− 7 46.0	2.034	3.001	7.1	20.6
6 20	16 2.51	− 8 3.4	2.060	2.978	10.1	20.7
6 30	15 56.74	− 8 32.4	2.110	2.954	13.0	20.8

430766 2004 RC_{184} 5 28.1 210°.21 0°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.68	−20 50.1	2.261	3.081	12.6	21.7
5 1	16 42.63	−20 28.0	2.168	3.075	9.8	21.5
5 11	16 35.56	−20 1.5	2.099	3.069	6.4	21.2
5 21	16 27.02	−19 31.4	2.057	3.062	2.7	21.0
5 31	16 17.82	−18 59.6	2.043	3.055	1.5	20.9
6 10	16 8.88	−18 28.5	2.057	3.047	5.2	21.1
6 20	16 1.02	−18 0.9	2.098	3.038	8.8	21.3
6 30	15 54.94	−17 39.5	2.164	3.029	12.0	21.5

414135 2007 VU_{102} 5 28.1 313°.84 1°.8/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.49	−23 49.4	1.254	2.108	18.8	20.9
5 1	16 44.40	−24 18.7	1.168	2.092	14.8	20.6
5 11	16 37.79	−24 43.6	1.102	2.076	10.1	20.2
5 21	16 28.30	−25 1.8	1.056	2.061	4.8	19.9
5 31	16 17.22	−25 11.6	1.034	2.046	2.4	19.7
6 10	16 6.29	−25 13.9	1.036	2.032	7.7	20.0
6 20	15 57.20	−25 11.7	1.059	2.019	13.1	20.2
6 30	15 51.25	−25 9.8	1.102	2.006	18.0	20.5

247169 2001 AX_{43} 5 28.1 196°.72 1°.4/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.80	−26 5.9	1.993	2.806	14.3	21.1
5 1	16 46.19	−26 4.7	1.903	2.803	11.2	20.9
5 11	16 38.08	−25 55.8	1.835	2.800	7.6	20.7
5 21	16 28.14	−25 38.3	1.793	2.796	3.6	20.4
5 31	16 17.35	−25 12.7	1.779	2.791	1.7	20.3
6 10	16 6.90	−24 41.3	1.793	2.785	5.5	20.5
6 20	15 57.82	−24 7.8	1.833	2.779	9.5	20.8
6 30	15 50.92	−23 36.3	1.898	2.771	13.0	21.0

159345 2006 SV_{12} 5 28.1 308°.52 0°.5/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.27	−22 31.8	1.360	2.212	17.7	20.2
5 1	16 43.18	−22 38.0	1.267	2.190	13.9	19.9
5 11	16 36.84	−22 38.9	1.193	2.168	9.3	19.6
5 21	16 27.86	−22 33.9	1.141	2.147	4.1	19.2
5 31	16 17.40	−22 23.2	1.114	2.126	1.7	19.0
6 10	16 7.05	−22 9.2	1.110	2.106	7.3	19.3
6 20	15 58.31	−21 55.4	1.129	2.086	12.7	19.5
6 30	15 52.42	−21 46.3	1.168	2.067	17.5	19.7

326950 2004 FZ_{7} 5 28.1 100°.93 1°.0/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.39	−19 34.0	1.697	2.530	15.6	22.2
5 1	16 45.12	−19 28.0	1.632	2.545	12.0	22.0
5 11	16 37.33	−19 19.4	1.587	2.559	7.8	21.8
5 21	16 27.77	−19 8.5	1.568	2.573	3.3	21.6
5 31	16 17.55	−18 56.8	1.575	2.587	1.8	21.5
6 10	16 7.87	−18 46.5	1.609	2.601	6.1	21.8
6 20	15 59.74	−18 40.0	1.669	2.614	10.3	22.1
6 30	15 53.94	−18 39.4	1.751	2.627	13.8	22.3

424105 2007 EQ_{46} 5 28.1 31°.59 2°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.32	−27 29.6	1.620	2.451	16.3	21.3
5 1	16 44.01	−27 46.3	1.545	2.454	12.8	21.1
5 11	16 36.88	−27 54.3	1.491	2.457	8.8	20.8
5 21	16 27.68	−27 51.8	1.460	2.461	4.6	20.6
5 31	16 17.56	−27 38.4	1.455	2.465	2.7	20.5
6 10	16 7.90	−27 16.5	1.476	2.469	6.3	20.7
6 20	15 59.88	−26 50.0	1.521	2.474	10.5	20.9
6 30	15 54.38	−26 23.7	1.588	2.478	14.2	21.2

7857 Lagerros 5 28.1 176°.34 5°.1/25.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.59	− 5 57.7	2.503	3.316	11.8	17.1
5 1	16 40.65	− 5 22.3	2.425	3.318	9.4	17.0
5 11	16 34.07	− 4 52.2	2.371	3.320	7.1	16.8
5 21	16 26.34	− 4 30.2	2.342	3.321	5.3	16.7
5 31	16 18.13	− 4 18.7	2.342	3.321	5.4	16.7
6 10	16 10.18	− 4 19.3	2.369	3.321	7.2	16.8
6 20	16 3.14	− 4 32.4	2.422	3.321	9.6	17.0
6 30	15 57.56	− 4 57.3	2.498	3.320	11.9	17.1

33270 Katiecrysup 5 28.1 324°.28 1°.3/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.80	−18 43.2	1.955	2.793	13.7	18.4
5 1	16 40.02	−18 33.9	1.866	2.782	10.6	18.1
5 11	16 34.04	−18 22.6	1.799	2.771	7.0	17.9
5 21	16 26.44	−18 10.0	1.756	2.761	3.1	17.6
5 31	16 18.07	−17 57.9	1.740	2.752	1.9	17.5
6 10	16 9.91	−17 48.2	1.751	2.742	5.8	17.8
6 20	16 2.90	−17 42.9	1.788	2.733	9.7	18.0
6 30	15 57.77	−17 43.9	1.847	2.725	13.1	18.2

25475 Lizrao 5 28.1 130°.77 0°.2/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.86	−23 14.3	2.001	2.827	13.8	19.1
5 1	16 42.18	−22 46.4	1.921	2.831	10.7	18.9
5 11	16 35.31	−22 11.8	1.865	2.835	7.0	18.6
5 21	16 26.92	−21 31.5	1.834	2.839	3.0	18.4
5 31	16 17.92	−20 47.6	1.830	2.843	1.3	18.3
6 10	16 9.32	−20 3.7	1.854	2.846	5.4	18.6
6 20	16 2.01	−19 23.2	1.904	2.850	9.2	18.8
6 30	15 56.66	−18 49.6	1.978	2.853	12.5	19.0

59905 1999 RB_{151} 5 28.1 167°.32 2°.3/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.28	−14 20.3	2.692	3.513	10.8	18.9
5 1	16 39.61	−14 1.7	2.610	3.515	8.4	18.7
5 11	16 33.37	−13 43.7	2.551	3.518	5.6	18.5
5 21	16 26.05	−13 27.6	2.520	3.520	3.0	18.3
5 31	16 18.27	−13 15.0	2.517	3.522	2.7	18.3
6 10	16 10.73	−13 7.4	2.543	3.523	5.1	18.5
6 20	16 4.05	−13 5.9	2.596	3.525	7.8	18.7
6 30	15 58.75	−13 11.4	2.674	3.526	10.4	18.8

87274 2000 PB_{8} 5 28.1 198°.86 6°.4/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.81	−40 40.5	2.325	3.084	14.1	19.4
5 1	16 47.86	−41 16.4	2.233	3.081	11.9	19.2
5 11	16 39.26	−41 38.2	2.162	3.077	9.5	19.0
5 21	16 28.68	−41 42.0	2.115	3.073	7.4	18.9
5 31	16 17.18	−41 25.4	2.095	3.068	6.4	18.8
6 10	16 6.01	−40 49.5	2.101	3.063	7.4	18.9
6 20	15 56.31	−39 58.2	2.134	3.057	9.6	19.0
6 30	15 48.94	−38 57.7	2.190	3.050	12.1	19.2

288572 2004 HY_{39} 5 28.1 166°.88 0°.6/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.91	−23 53.3	2.653	3.463	11.3	21.3
5 1	16 41.75	−23 55.3	2.567	3.467	8.7	21.1
5 11	16 34.83	−23 52.7	2.505	3.471	5.8	21.0
5 21	16 26.69	−23 45.5	2.470	3.474	2.6	20.7
5 31	16 18.02	−23 34.2	2.464	3.476	1.1	20.6
6 10	16 9.60	−23 20.1	2.487	3.479	4.2	20.9
6 20	16 2.15	−23 5.3	2.538	3.480	7.3	21.1
6 30	15 56.24	−22 51.9	2.614	3.482	10.1	21.2

507445 2012 SF_{68} 5 28.1 306°.28 0°.5/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.72	−21 56.4	1.921	2.753	14.1	21.3
5 1	16 41.47	−21 33.4	1.837	2.751	10.9	21.1
5 11	16 34.95	−21 4.7	1.776	2.748	7.1	20.9
5 21	16 26.82	−20 31.2	1.740	2.746	3.0	20.6
5 31	16 17.97	−19 55.2	1.731	2.743	1.4	20.5
6 10	16 9.47	−19 19.8	1.749	2.741	5.6	20.8
6 20	16 2.23	−18 48.2	1.792	2.738	9.6	21.0
6 30	15 56.99	−18 23.5	1.859	2.736	13.1	21.2

228532 2001 VF_{19} 5 28.1 147°.12 0°.3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.40	−22 15.0	2.264	3.080	12.8	22.2
5 1	16 43.80	−21 55.0	2.187	3.091	9.8	22.0
5 11	16 36.22	−21 29.9	2.133	3.101	6.4	21.8
5 21	16 27.27	−21 0.5	2.106	3.111	2.7	21.6
5 31	16 17.81	−20 28.3	2.107	3.120	1.2	21.5
6 10	16 8.75	−19 56.0	2.137	3.128	4.9	21.7
6 20	16 0.88	−19 26.3	2.195	3.136	8.4	22.0
6 30	15 54.82	−19 1.9	2.277	3.142	11.4	22.2

166438 2002 PD_{34} 5 28.1 284°.49 1°.6/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.78	−26 22.9	1.965	2.788	14.1	20.7
5 1	16 42.43	−26 26.5	1.875	2.780	11.1	20.5
5 11	16 35.68	−26 22.8	1.806	2.773	7.5	20.2
5 21	16 27.17	−26 10.7	1.763	2.765	3.7	20.0
5 31	16 17.82	−25 50.8	1.746	2.758	1.9	19.8
6 10	16 8.74	−25 25.0	1.757	2.750	5.5	20.1
6 20	16 0.94	−24 56.6	1.793	2.743	9.4	20.3
6 30	15 55.21	−24 29.7	1.853	2.735	12.9	20.5

303987 2006 BH_{117} 5 28.1 72°.61 2°.0/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.80	−26 40.5	1.340	2.181	18.5	20.9
5 1	16 46.33	−26 44.3	1.275	2.190	14.5	20.6
5 11	16 38.57	−26 37.9	1.229	2.199	9.8	20.4
5 21	16 28.43	−26 19.8	1.205	2.208	4.8	20.1
5 31	16 17.34	−25 50.7	1.205	2.217	2.4	20.0
6 10	16 6.93	−25 14.4	1.231	2.226	6.9	20.3
6 20	15 58.54	−24 36.5	1.280	2.235	11.7	20.6
6 30	15 53.13	−24 2.6	1.349	2.244	15.9	20.9

17319 3078 $T\text{-}_{1}$ 5 28.1 167°.13 1°.5/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.51	−19 8.1	1.995	2.816	14.0	19.5
5 1	16 45.69	−18 39.9	1.916	2.823	10.8	19.3
5 11	16 37.60	−18 8.0	1.859	2.828	7.1	19.1
5 21	16 27.91	−17 33.7	1.828	2.832	3.2	18.9
5 31	16 17.56	−16 59.5	1.826	2.836	2.1	18.8
6 10	16 7.63	−16 28.2	1.851	2.839	5.9	19.1
6 20	15 59.04	−16 2.9	1.904	2.840	9.7	19.3
6 30	15 52.49	−15 45.8	1.980	2.841	13.1	19.5

27270 Guidotti 5 28.1 36°.60 1°.4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.75	−18 55.2	1.466	2.313	16.9	18.0
5 1	16 43.61	−18 45.8	1.396	2.317	13.1	17.8
5 11	16 36.63	−18 33.8	1.346	2.321	8.6	17.6
5 21	16 27.60	−18 20.4	1.320	2.326	3.7	17.3
5 31	16 17.68	−18 7.3	1.319	2.330	2.2	17.2
6 10	16 8.26	−17 57.3	1.343	2.335	6.9	17.5
6 20	16 0.49	−17 52.7	1.391	2.341	11.5	17.8
6 30	15 55.26	−17 55.9	1.460	2.346	15.5	18.0

236557 2006 HB_{64} 5 28.1 167°.83 0°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.75	−21 7.8	2.064	2.889	13.5	21.2
5 1	16 42.89	−21 11.4	1.982	2.891	10.4	21.0
5 11	16 35.83	−21 11.8	1.922	2.892	6.8	20.7
5 21	16 27.19	−21 9.1	1.888	2.893	2.9	20.5
5 31	16 17.85	−21 3.8	1.881	2.894	1.2	20.4
6 10	16 8.81	−20 57.6	1.902	2.895	5.2	20.6
6 20	16 0.97	−20 52.3	1.950	2.895	9.0	20.9
6 30	15 55.06	−20 50.3	2.021	2.895	12.3	21.1

505208 2012 TJ_{238} 5 28.1 222°.67 1°.5/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.69	−17 43.4	2.194	3.020	12.8	21.7
5 1	16 41.94	−17 31.6	2.105	3.014	9.9	21.5
5 11	16 35.16	−17 18.5	2.038	3.008	6.5	21.2
5 21	16 26.90	−17 4.9	1.998	3.002	3.0	21.0
5 31	16 17.96	−16 52.3	1.986	2.996	2.0	20.9
6 10	16 9.26	−16 42.5	2.001	2.989	5.5	21.1
6 20	16 1.62	−16 37.3	2.044	2.983	9.0	21.3
6 30	15 55.73	−16 38.3	2.110	2.975	12.2	21.5

1738 Oosterhoff 5 28.1 299°.04 1°.9/28.5 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.89	−23 59.7	1.268	2.119	18.8	15.6
5 1	16 45.68	−24 29.4	1.173	2.095	14.9	15.3
5 11	16 38.84	−24 55.1	1.097	2.071	10.2	14.9
5 21	16 28.88	−25 14.1	1.042	2.047	4.9	14.6
5 31	16 17.06	−25 24.5	1.011	2.023	2.5	14.3
6 10	16 5.18	−25 26.5	1.003	1.999	7.9	14.6
6 20	15 55.02	−25 23.2	1.017	1.976	13.7	14.8
6 30	15 48.08	−25 19.7	1.051	1.953	18.8	15.0

162395 2000 CY_{108} 5 28.1 228°.58 0°.6/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.11	−23 53.3	2.173	2.993	13.1	20.8
5 1	16 42.38	−23 49.6	2.082	2.988	10.2	20.6
5 11	16 35.51	−23 40.4	2.014	2.982	6.7	20.4
5 21	16 27.07	−23 25.5	1.971	2.975	3.0	20.1
5 31	16 17.91	−23 5.7	1.956	2.969	1.2	20.0
6 10	16 9.01	−22 43.1	1.969	2.962	5.0	20.3
6 20	16 1.24	−22 20.3	2.009	2.955	8.7	20.5
6 30	15 55.33	−22 0.3	2.073	2.948	12.0	20.7

182089 2000 JK_{7} 5 28.1 35°.04 0°.3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.85	−21 40.9	2.040	2.869	13.5	20.7
5 1	16 41.44	−21 27.4	1.958	2.869	10.4	20.5
5 11	16 34.88	−21 9.2	1.898	2.869	6.8	20.3
5 21	16 26.79	−20 47.2	1.864	2.869	2.9	20.0
5 31	16 18.04	−20 22.7	1.857	2.870	1.3	19.9
6 10	16 9.62	−19 58.3	1.878	2.870	5.3	20.2
6 20	16 2.40	−19 36.6	1.924	2.870	9.1	20.4
6 30	15 57.07	−19 20.2	1.994	2.870	12.4	20.6

502434 2015 BG_{274} 5 28.1 320°.87 10°.2/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.94	−43 56.1	1.574	2.355	18.9	20.2
5 1	16 47.21	−44 57.9	1.489	2.344	16.4	20.0
5 11	16 39.69	−45 40.2	1.422	2.334	13.7	19.8
5 21	16 29.14	−45 55.4	1.375	2.323	11.4	19.6
5 31	16 17.04	−45 38.4	1.350	2.314	10.2	19.5
6 10	16 5.34	−44 49.6	1.348	2.304	11.1	19.6
6 20	15 55.81	−43 35.0	1.368	2.295	13.4	19.7
6 30	15 49.72	−42 5.0	1.408	2.287	16.4	19.8

488460 1996 BO_{11} 5 28.1 133°.57 2°.5/29.6 14 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.63	−31 21.2	2.682	3.477	11.6	22.4
5 1	16 41.56	−31 14.8	2.599	3.485	9.2	22.2
5 11	16 34.71	−30 59.2	2.540	3.493	6.4	22.0
5 21	16 26.65	−30 33.8	2.508	3.501	3.7	21.9
5 31	16 18.13	−29 59.2	2.503	3.509	2.5	21.8
6 10	16 9.95	−29 17.7	2.528	3.516	4.4	21.9
6 20	16 2.84	−28 32.4	2.580	3.523	7.2	22.1
6 30	15 57.34	−27 46.8	2.657	3.530	9.8	22.3

418179 2008 BP_{34} 5 28.1 165°.62 4°.3/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.41	−12 16.4	1.694	2.530	15.5	21.8
5 1	16 43.67	−11 43.3	1.619	2.532	12.1	21.6
5 11	16 36.47	−11 12.4	1.567	2.534	8.4	21.4
5 21	16 27.50	−10 46.8	1.538	2.535	5.0	21.2
5 31	16 17.77	−10 29.6	1.536	2.536	4.7	21.2
6 10	16 8.43	−10 23.4	1.560	2.537	7.9	21.3
6 20	16 0.51	−10 29.4	1.608	2.538	11.6	21.6
6 30	15 54.77	−10 47.9	1.678	2.539	15.1	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
247106 2000 TF_6			5 28.1 319°.98		3°.9/29.0 17	
	h m	° ′			°	m
4 21	16 45.87	−28 1.8	1.190	2.045	19.5	20.3
5 1	16 43.50	−28 36.7	1.104	2.026	15.7	20.0
5 11	16 37.43	−29 2.6	1.036	2.007	11.1	19.7
5 21	16 28.27	−29 15.5	0.988	1.989	6.2	19.3
5 31	16 17.37	−29 12.8	0.963	1.972	4.1	19.2
6 10	16 6.61	−28 55.5	0.960	1.955	8.3	19.3
6 20	15 57.80	−28 28.6	0.978	1.940	13.6	19.6
6 30	15 52.37	−27 59.0	1.015	1.925	18.6	19.8
39252 2000 YU_{101}			5 28.1 134°.69		6°.7/24.9 18	
4 21	16 43.25	− 0 33.2	2.530	3.336	11.9	18.9
5 1	16 38.85	+ 0 11.5	2.460	3.340	9.8	18.7
5 11	16 32.90	+ 0 47.8	2.413	3.343	8.0	18.6
5 21	16 25.88	+ 1 12.2	2.391	3.346	6.8	18.5
5 31	16 18.44	+ 1 22.0	2.396	3.350	6.9	18.5
6 10	16 11.26	+ 1 15.9	2.426	3.353	8.3	18.6
6 20	16 4.96	+ 0 54.3	2.482	3.356	10.3	18.8
6 30	16 0.05	+ 0 18.3	2.559	3.359	12.3	18.9
330318 2006 UM_{69}			5 28.1 264°.70		1°.2/27.7 18	
4 21	16 46.57	−17 20.2	2.284	3.108	12.4	20.8
5 1	16 41.87	−17 25.6	2.187	3.096	9.6	20.6
5 11	16 35.16	−17 30.9	2.114	3.083	6.4	20.4
5 21	16 26.95	−17 36.6	2.066	3.070	2.9	20.1
5 31	16 17.98	−17 43.3	2.046	3.057	1.8	20.0
6 10	16 9.15	−17 52.0	2.055	3.044	5.2	20.2
6 20	16 1.30	−18 3.7	2.090	3.031	8.8	20.4
6 30	15 55.12	−18 19.6	2.150	3.017	12.0	20.6
98410 2000 UX_{12}			5 28.1 72°.40		1°.6/28.6 18	
4 21	16 51.23	−24 34.1	1.411	2.250	17.9	19.0
5 1	16 46.51	−24 54.4	1.346	2.260	13.9	18.8
5 11	16 38.65	−25 8.1	1.300	2.270	9.3	18.6
5 21	16 28.49	−25 13.5	1.277	2.281	4.4	18.3
5 31	16 17.38	−25 10.1	1.279	2.291	2.1	18.2
6 10	16 6.87	−25 0.1	1.306	2.301	6.7	18.5
6 20	15 58.26	−24 47.2	1.358	2.311	11.4	18.8
6 30	15 52.50	−24 35.7	1.430	2.322	15.4	19.1
478010 2011 SN_{170}			5 28.1 228°.09		2°.2/26.9 16	
4 21	16 44.08	−16 55.4	2.420	3.246	11.7	21.5
5 1	16 39.70	−16 15.7	2.332	3.241	9.0	21.3
5 11	16 33.57	−15 33.7	2.267	3.236	6.0	21.1
5 21	16 26.20	−14 51.4	2.229	3.231	3.0	20.9
5 31	16 18.31	−14 11.3	2.220	3.226	2.6	20.9
6 10	16 10.67	−13 36.3	2.238	3.221	5.5	21.0
6 20	16 3.98	−13 8.6	2.283	3.215	8.6	21.2
6 30	15 58.82	−12 50.0	2.353	3.209	11.4	21.4
254413 2004 UF_4			5 28.1 304°.52		0°.8/28.7 17	
4 21	16 46.50	−28 41.8	2.156	2.970	13.4	19.4
5 1	16 42.08	−27 43.0	2.040	2.941	10.6	19.2
5 11	16 35.41	−26 29.7	1.948	2.913	7.2	18.9
5 21	16 27.08	−25 2.4	1.881	2.884	3.3	18.6
5 31	16 17.94	−23 24.0	1.843	2.856	1.3	18.4
6 10	16 9.04	−21 39.9	1.834	2.827	5.3	18.6
6 20	16 1.30	−19 56.6	1.853	2.799	9.4	18.8
6 30	15 55.49	−18 20.7	1.897	2.771	13.0	19.0
31002 1995 VR_{15}			5 28.1 76°.08		1°.4/28.5 18	
4 21	16 48.24	−23 53.2	2.244	3.060	12.8	18.1
5 1	16 43.18	−24 26.4	2.162	3.064	10.0	18.0
5 11	16 36.01	−24 56.3	2.103	3.068	6.7	17.8
5 21	16 27.30	−25 21.3	2.070	3.072	3.2	17.5
5 31	16 17.86	−25 40.8	2.065	3.076	1.7	17.4
6 10	16 8.68	−25 54.9	2.088	3.080	4.9	17.7
6 20	16 0.62	−26 5.1	2.138	3.084	8.3	17.9
6 30	15 54.39	−26 13.6	2.213	3.088	11.4	18.1
398059 2009 HV_{35}			5 28.1 243°.29		1°.3/27.7 18	
4 21	16 46.36	−16 58.7	2.389	3.211	12.0	21.6
5 1	16 41.56	−17 6.1	2.297	3.205	9.3	21.5
5 11	16 34.88	−17 13.8	2.230	3.199	6.1	21.2
5 21	16 26.81	−17 22.1	2.189	3.193	2.8	21.0
5 31	16 18.08	−17 31.6	2.176	3.187	1.8	20.9
6 10	16 9.54	−17 43.1	2.192	3.180	5.0	21.1
6 20	16 1.94	−17 57.4	2.234	3.174	8.3	21.3
6 30	15 55.95	−18 15.5	2.302	3.167	11.3	21.5
422311 2014 SW_{164}			5 28.1 293°.41		1°.8/28.6 17	
4 21	16 49.05	−24 43.3	1.322	2.169	18.4	21.4
5 1	16 45.66	−25 0.5	1.225	2.145	14.6	21.1
5 11	16 38.74	−25 11.2	1.148	2.120	10.0	20.8
5 21	16 28.83	−25 13.3	1.091	2.096	4.8	20.4
5 31	16 17.17	−25 5.6	1.059	2.071	2.3	20.2
6 10	16 5.49	−24 49.7	1.050	2.047	7.7	20.4
6 20	15 55.51	−24 29.6	1.065	2.022	13.3	20.6
6 30	15 48.63	−24 11.1	1.098	1.998	18.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
456689 2007 RU_{165}			5 28.1 315°.35		4°.0/29.3 17	
	h m	° ′			°	m
4 21	16 46.77	−29 25.1	1.230	2.078	19.4	21.0
5 1	16 44.07	−29 47.0	1.145	2.062	15.6	20.7
5 11	16 37.70	−29 56.8	1.078	2.046	11.1	20.4
5 21	16 28.35	−29 50.9	1.031	2.031	6.3	20.1
5 31	16 17.40	−29 27.5	1.008	2.016	4.1	19.9
6 10	16 6.72	−28 49.1	1.007	2.002	8.1	20.1
6 20	15 58.03	−28 1.9	1.028	1.989	13.3	20.3
6 30	15 52.64	−27 14.1	1.068	1.976	18.1	20.6
41774 2000 VR_{44}			5 28.1 292°.60		1°.9/28.5 18	
4 21	16 50.60	−23 59.1	1.456	2.295	17.4	18.8
5 1	16 46.72	−24 30.2	1.350	2.264	13.9	18.5
5 11	16 39.41	−24 58.1	1.263	2.233	9.5	18.2
5 21	16 29.14	−25 20.4	1.198	2.202	4.6	17.8
5 31	16 17.02	−25 34.7	1.159	2.170	2.4	17.6
6 10	16 4.67	−25 41.0	1.144	2.139	7.5	17.8
6 20	15 53.76	−25 41.6	1.153	2.107	12.9	18.0
6 30	15 45.74	−25 41.0	1.183	2.075	17.9	18.2
317783 2003 SG_{157}			5 28.1 268°.52		4°.3/29.2 17	
4 21	16 51.77	−30 7.0	1.600	2.421	17.0	21.0
5 1	16 47.24	−30 46.9	1.506	2.406	13.7	20.8
5 11	16 39.44	−31 18.1	1.432	2.390	9.8	20.5
5 21	16 29.02	−31 36.5	1.381	2.375	6.0	20.2
5 31	16 17.14	−31 39.3	1.355	2.359	4.4	20.1
6 10	16 5.40	−31 26.7	1.355	2.343	7.4	20.2
6 20	15 55.30	−31 2.6	1.379	2.327	11.7	20.4
6 30	15 48.03	−30 33.1	1.424	2.311	15.7	20.6
107922 2001 FB_{103}			5 28.1 125°.24		1°.3/27.6 18	
4 21	16 48.19	−18 34.3	2.289	3.109	12.5	20.7
5 1	16 42.81	−18 16.3	2.218	3.124	9.6	20.5
5 11	16 35.56	−17 56.1	2.170	3.139	6.3	20.4
5 21	16 27.04	−17 34.8	2.149	3.153	2.8	20.1
5 31	16 18.05	−17 14.1	2.157	3.167	1.8	20.1
6 10	16 9.46	−16 56.0	2.193	3.180	5.1	20.3
6 20	16 2.00	−16 42.4	2.256	3.193	8.4	20.6
6 30	15 56.27	−16 34.9	2.344	3.205	11.3	20.8
159340 2006 EF_{14}			5 28.1 306°.52		2°.4/26.1 18	
4 21	16 36.59	−10 33.9	4.370	5.186	7.1	20.6
5 1	16 33.25	−10 7.4	4.284	5.184	5.5	20.5
5 11	16 29.03	− 9 42.5	4.223	5.182	3.9	20.4
5 21	16 24.23	− 9 20.3	4.189	5.179	2.6	20.3
5 31	16 19.18	− 9 2.1	4.185	5.177	2.6	20.3
6 10	16 14.25	− 8 48.9	4.209	5.175	3.9	20.3
6 20	16 9.78	− 8 41.4	4.262	5.173	5.5	20.5
6 30	16 6.05	− 8 40.1	4.339	5.170	7.1	20.6
3673 Levy			5 28.1 192°.16		3°.3/29.3 18	
4 21	16 53.58	−29 59.2	1.974	2.778	14.8	17.4
5 1	16 47.79	−30 25.0	1.886	2.776	11.8	17.2
5 11	16 39.30	−30 42.0	1.819	2.774	8.4	17.0
5 21	16 28.79	−30 47.3	1.777	2.772	4.9	16.8
5 31	16 17.32	−30 39.7	1.763	2.768	3.4	16.7
6 10	16 6.15	−30 20.5	1.776	2.764	6.1	16.8
6 20	15 56.44	−29 53.2	1.816	2.759	9.7	17.0
6 30	15 49.09	−29 22.8	1.879	2.753	13.1	17.2
75510 1999 XO_{198}			5 28.1 232°.45		3°.1/29.4 18	
4 21	16 51.13	−30 14.9	1.829	2.641	15.5	19.7
5 1	16 46.13	−30 22.6	1.736	2.633	12.4	19.4
5 11	16 38.33	−30 19.5	1.664	2.623	8.7	19.2
5 21	16 28.41	−30 3.2	1.617	2.613	5.0	18.9
5 31	16 17.47	−29 33.3	1.596	2.603	3.2	18.8
6 10	16 6.83	−28 52.2	1.602	2.592	6.2	19.0
6 20	15 57.70	−28 4.6	1.633	2.581	10.2	19.2
6 30	15 51.01	−27 16.4	1.688	2.570	13.9	19.4
386477 2008 YG_{119}			5 28.1 284°.00		2°.7/29.3 17	
4 21	16 47.13	−29 31.0	2.019	2.834	14.1	21.2
5 1	16 42.73	−29 38.3	1.928	2.826	11.2	21.0
5 11	16 35.92	−29 36.3	1.858	2.818	7.9	20.8
5 21	16 27.34	−29 23.3	1.813	2.811	4.4	20.5
5 31	16 17.92	−28 59.4	1.795	2.803	2.8	20.4
6 10	16 8.77	−28 26.7	1.804	2.796	5.6	20.6
6 20	16 0.92	−27 48.8	1.839	2.788	9.2	20.8
6 30	15 55.17	−27 10.3	1.897	2.781	12.6	21.0
175692 1995 SH_{40}			5 28.1 258°.84		0°.8/28.4 17	
4 21	16 50.08	−24 2.6	1.763	2.591	15.3	21.4
5 1	16 45.39	−24 2.8	1.664	2.573	12.1	21.2
5 11	16 37.93	−23 56.7	1.586	2.555	8.1	20.9
5 21	16 28.29	−23 43.3	1.532	2.537	3.6	20.6
5 31	16 17.50	−23 23.1	1.505	2.518	1.5	20.4
6 10	16 6.86	−22 58.3	1.505	2.499	6.2	20.7
6 20	15 57.59	−22 32.4	1.530	2.479	10.7	20.9
6 30	15 50.68	−22 9.8	1.578	2.459	14.8	21.1

128501 2004 PO_{17} 5 28.1 254°.22 4°.9/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 43.69	− 6 41.4	2.437	3.257	11.8	19.9
5 1	16 39.37	− 6 10.6	2.353	3.251	9.5	19.7
5 11	16 33.35	− 5 44.8	2.293	3.246	7.0	19.6
5 21	16 26.15	− 5 26.9	2.258	3.240	5.2	19.5
5 31	16 18.41	− 5 19.1	2.251	3.235	5.2	19.4
6 10	16 10.89	− 5 23.2	2.271	3.229	7.1	19.5
6 20	16 4.24	− 5 39.3	2.316	3.223	9.6	19.7
6 30	15 59.05	− 6 7.1	2.385	3.217	12.1	19.9

119969 2002 UU_{17} 5 28.1 93°.92 0°.9/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.19	−22 57.2	1.322	2.166	18.6	19.3
5 1	16 47.49	−23 14.3	1.254	2.172	14.5	19.1
5 11	16 39.45	−23 26.1	1.206	2.179	9.6	18.8
5 21	16 28.92	−23 31.2	1.180	2.185	4.3	18.5
5 31	16 17.30	−23 29.4	1.179	2.192	1.8	18.4
6 10	16 6.27	−23 22.7	1.203	2.198	7.1	18.7
6 20	15 57.23	−23 14.5	1.250	2.205	12.1	19.0
6 30	15 51.20	−23 9.2	1.318	2.211	16.4	19.3

181953 1999 TH_{245} 5 28.1 304°.75 2°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.79	−27 28.3	2.150	2.967	13.3	20.1
5 1	16 41.60	−27 45.8	2.053	2.954	10.5	19.9
5 11	16 35.16	−27 56.7	1.979	2.942	7.2	19.7
5 21	16 27.03	−27 59.6	1.929	2.929	3.8	19.4
5 31	16 18.05	−27 54.0	1.907	2.916	2.4	19.3
6 10	16 9.24	−27 41.2	1.912	2.904	5.3	19.5
6 20	16 1.55	−27 23.5	1.943	2.892	8.8	19.6
6 30	15 55.77	−27 4.6	1.998	2.880	12.1	19.8

119847 2002 CF_{48} 5 28.1 344°.93 7°.4/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.66	−45 28.8	2.265	3.010	14.8	19.4
5 1	16 45.54	−45 42.7	2.177	3.009	12.8	19.2
5 11	16 37.75	−45 38.1	2.109	3.007	10.5	19.1
5 21	16 28.07	−45 11.2	2.064	3.006	8.5	18.9
5 31	16 17.66	−44 20.7	2.044	3.005	7.5	18.9
6 10	16 7.80	−43 9.0	2.050	3.004	8.0	18.9
6 20	15 59.57	−41 41.3	2.081	3.003	9.8	19.0
6 30	15 53.75	−40 5.0	2.137	3.003	12.1	19.2

258418 2001 XB_{178} 5 28.1 162°.91 3°.2/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.23	−10 43.5	2.685	3.501	11.0	21.3
5 1	16 40.34	−10 27.7	2.604	3.505	8.6	21.1
5 11	16 33.89	−10 14.9	2.548	3.509	6.0	20.9
5 21	16 26.36	−10 6.5	2.518	3.512	3.7	20.8
5 31	16 18.36	−10 4.1	2.518	3.515	3.5	20.8
6 10	16 10.61	−10 8.8	2.545	3.518	5.6	20.9
6 20	16 3.71	−10 21.2	2.600	3.520	8.2	21.1
6 30	15 58.19	−10 41.4	2.680	3.522	10.6	21.2

504744 2009 WH_{10} 5 28.1 223°.29 1°.6/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.30	−18 47.6	2.356	3.175	12.2	21.8
5 1	16 43.08	−18 11.5	2.257	3.163	9.5	21.6
5 11	16 35.89	−17 31.5	2.182	3.150	6.3	21.4
5 21	16 27.27	−16 49.0	2.133	3.137	2.9	21.1
5 31	16 17.98	−16 6.5	2.114	3.123	2.2	21.0
6 10	16 8.90	−15 26.9	2.123	3.108	5.5	21.2
6 20	16 0.82	−14 53.1	2.159	3.092	8.9	21.4
6 30	15 54.44	−14 27.5	2.221	3.076	12.1	21.6

206765 2004 CG_{26} 5 28.1 142°.24 3°.2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.18	−13 24.7	2.173	3.002	12.8	20.8
5 1	16 40.69	−12 55.5	2.095	3.004	9.9	20.6
5 11	16 34.29	−12 27.4	2.040	3.007	6.8	20.4
5 21	16 26.57	−12 2.4	2.011	3.009	3.9	20.3
5 31	16 18.28	−11 43.1	2.009	3.011	3.6	20.3
6 10	16 10.30	−11 31.4	2.035	3.013	6.3	20.4
6 20	16 3.38	−11 28.7	2.086	3.015	9.4	20.6
6 30	15 58.15	−11 35.7	2.161	3.017	12.3	20.8

306832 2001 RA_{133} 5 28.1 246°.46 2°.9/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.65	−15 55.8	1.638	2.474	16.0	21.9
5 1	16 45.84	−15 31.8	1.544	2.458	12.5	21.6
5 11	16 38.23	−15 6.5	1.472	2.443	8.4	21.4
5 21	16 28.43	−14 42.0	1.423	2.426	4.3	21.1
5 31	16 17.48	−14 20.9	1.401	2.409	3.5	21.0
6 10	16 6.71	−14 6.3	1.405	2.391	7.6	21.2
6 20	15 57.35	−14 0.9	1.434	2.373	12.1	21.4
6 30	15 50.37	−14 6.4	1.485	2.354	16.2	21.6

185919 2000 SM_{284} 5 28.1 232°.74 2°.1/26.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 36.41	−11 34.8	4.719	5.534	6.6	20.5
5 1	16 33.05	−11 6.2	4.629	5.529	5.1	20.4
5 11	16 28.89	−10 38.5	4.564	5.525	3.6	20.2
5 21	16 24.18	−10 12.9	4.528	5.520	2.3	20.1
5 31	16 19.24	− 9 50.5	4.521	5.516	2.3	20.1
6 10	16 14.41	− 9 32.6	4.544	5.511	3.5	20.2
6 20	16 10.00	− 9 19.7	4.594	5.506	5.1	20.3
6 30	16 6.29	− 9 12.4	4.670	5.502	6.6	20.4

50565 2000 ES_{37} 5 28.1 306°.16 0°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.67	−21 17.7	1.973	2.805	13.8	18.8
5 1	16 41.43	−21 3.2	1.889	2.801	10.7	18.6
5 11	16 34.97	−20 44.2	1.826	2.798	7.0	18.4
5 21	16 26.91	−20 21.4	1.789	2.794	3.0	18.1
5 31	16 18.14	−19 56.6	1.779	2.791	1.4	18.0
6 10	16 9.66	−19 32.1	1.795	2.788	5.5	18.2
6 20	16 2.40	−19 10.8	1.838	2.785	9.4	18.5
6 30	15 57.09	−18 55.3	1.904	2.782	12.8	18.7

398825 2013 BE_{69} 5 28.1 156°.71 4°.0/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.86	− 9 13.8	2.418	3.239	11.9	21.1
5 1	16 40.24	− 8 55.7	2.339	3.241	9.4	20.9
5 11	16 33.92	− 8 41.9	2.283	3.242	6.7	20.7
5 21	16 26.39	− 8 34.1	2.254	3.244	4.4	20.6
5 31	16 18.36	− 8 34.4	2.252	3.245	4.3	20.6
6 10	16 10.57	− 8 43.8	2.277	3.247	6.4	20.7
6 20	16 3.71	− 9 2.6	2.329	3.248	9.1	20.9
6 30	15 58.36	− 9 30.6	2.405	3.249	11.6	21.1

50632 2000 EO_{74} 5 28.1 30°.47 10°.3/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.82	+ 1 29.2	1.758	2.581	15.6	18.6
5 1	16 39.13	+ 3 11.5	1.704	2.588	13.2	18.5
5 11	16 33.37	+ 4 41.7	1.672	2.595	11.3	18.4
5 21	16 26.18	+ 5 52.7	1.662	2.602	10.3	18.3
5 31	16 18.46	+ 6 38.7	1.676	2.610	10.8	18.4
6 10	16 11.16	+ 6 57.0	1.712	2.619	12.4	18.5
6 20	16 5.11	+ 6 48.2	1.770	2.627	14.5	18.7
6 30	16 0.93	+ 6 15.0	1.846	2.637	16.7	18.8

442929 2013 CH_{64} 5 28.1 350°.88 3°.2/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.66	−32 0.5	2.188	2.995	13.4	21.2
5 1	16 41.38	−32 1.7	2.102	2.993	10.8	21.0
5 11	16 34.91	−31 52.0	2.037	2.991	7.7	20.8
5 21	16 26.88	−31 30.2	1.998	2.990	4.6	20.6
5 31	16 18.17	−30 56.5	1.985	2.989	3.2	20.5
6 10	16 9.81	−30 13.4	1.999	2.988	5.4	20.6
6 20	16 2.69	−29 24.8	2.040	2.988	8.5	20.8
6 30	15 57.50	−28 35.2	2.105	2.987	11.5	21.0

397014 2005 TS_{58} 5 28.1 125°.96 4°.6/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.15	− 9 24.3	2.527	3.349	11.4	21.6
5 1	16 38.79	− 8 21.1	2.454	3.355	9.0	21.5
5 11	16 32.88	− 7 20.1	2.405	3.361	6.5	21.3
5 21	16 25.93	− 6 24.6	2.383	3.367	4.8	21.2
5 31	16 18.57	− 5 38.0	2.389	3.373	4.9	21.2
6 10	16 11.50	− 5 3.0	2.422	3.378	6.8	21.4
6 20	16 5.34	− 4 41.1	2.481	3.384	9.3	21.5
6 30	16 0.58	− 4 32.5	2.564	3.389	11.6	21.7

2207 Antenor 5 28.1 134°.92 1°.6/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 37.18	−13 58.3	4.392	5.209	7.0	16.2
5 1	16 33.71	−13 40.2	4.306	5.209	5.4	16.1
5 11	16 29.34	−13 22.6	4.245	5.210	3.6	16.0
5 21	16 24.39	−13 6.4	4.213	5.211	2.0	15.8
5 31	16 19.19	−12 52.6	4.209	5.212	1.9	15.8
6 10	16 14.11	−12 42.1	4.235	5.213	3.4	15.9
6 20	16 9.50	−12 35.7	4.289	5.213	5.1	16.1
6 30	16 5.65	−12 34.0	4.369	5.214	6.8	16.2

42083 2001 AU_{11} 5 28.1 37°.50 0°.1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.53	−22 22.9	2.209	3.035	12.7	19.4
5 1	16 40.27	−22 14.3	2.130	3.039	9.8	19.2
5 11	16 34.07	−22 1.3	2.074	3.044	6.4	19.0
5 21	16 26.49	−21 44.2	2.043	3.048	2.7	18.8
5 31	16 18.35	−21 24.3	2.040	3.053	1.1	18.6
6 10	16 10.53	−21 3.7	2.065	3.058	4.8	18.9
6 20	16 3.81	−20 44.7	2.116	3.063	8.3	19.1
6 30	15 58.82	−20 29.8	2.192	3.068	11.4	19.3

298736 2004 GU_{14} 5 28.1 23°.68 6°.9/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.79	−36 5.6	1.875	2.669	15.8	19.6
5 1	16 46.88	−37 28.3	1.800	2.674	13.1	19.4
5 11	16 38.99	−38 40.3	1.746	2.680	10.2	19.2
5 21	16 28.78	−39 36.0	1.716	2.686	7.8	19.1
5 31	16 17.40	−40 11.2	1.712	2.692	6.9	19.0
6 10	16 6.31	−40 25.2	1.733	2.699	8.3	19.1
6 20	15 56.80	−40 20.9	1.779	2.707	10.8	19.3
6 30	15 49.93	−40 3.9	1.846	2.714	13.6	19.5

195582 2002 JY_{109} 5 28.2 19°.48 1°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.22	−24 33.0	1.545	2.387	16.4	20.0
5 1	16 42.46	−24 39.0	1.475	2.391	12.8	19.8
5 11	16 35.93	−24 38.1	1.424	2.396	8.5	19.6
5 21	16 27.40	−24 29.7	1.397	2.401	3.9	19.3
5 31	16 18.01	−24 14.3	1.395	2.407	1.7	19.1
6 10	16 9.09	−23 54.7	1.418	2.414	6.2	19.5
6 20	16 1.79	−23 34.3	1.466	2.421	10.6	19.7
6 30	15 56.96	−23 17.0	1.535	2.429	14.4	20.0

428346 2007 LS_{23} 5 28.2 42°.93 7°.9/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.62	− 3 0.9	1.589	2.421	16.5	20.5
5 1	16 42.30	− 2 22.8	1.530	2.430	13.5	20.3
5 11	16 35.57	− 1 56.3	1.491	2.440	10.4	20.2
5 21	16 27.17	− 1 45.8	1.475	2.449	8.3	20.1
5 31	16 18.12	− 1 54.8	1.483	2.460	8.2	20.1
6 10	16 9.56	− 2 24.2	1.516	2.470	10.3	20.2
6 20	16 2.45	− 3 12.3	1.572	2.481	13.2	20.4
6 30	15 57.51	− 4 15.9	1.648	2.492	16.1	20.6

203385 2001 XH_{93} 5 28.2 146°.57 0°.2/28.2 18

4 21	16 52.79	−21 55.4	1.634	2.463	16.3	20.8
5 1	16 47.33	−22 1.9	1.560	2.471	12.6	20.6
5 11	16 39.04	−22 4.1	1.507	2.478	8.3	20.3
5 21	16 28.71	−22 1.3	1.479	2.484	3.6	20.1
5 31	16 17.49	−21 54.0	1.477	2.490	1.4	19.9
6 10	16 6.75	−21 44.2	1.502	2.495	6.2	20.3
6 20	15 57.66	−21 34.9	1.552	2.500	10.7	20.5
6 30	15 51.09	−21 29.2	1.625	2.505	14.5	20.8

14292 1148 $T\text{-}_1$ 5 28.2 347°.85 2°.2/28.7 18

4 21	16 47.25	−25 43.4	1.138	1.997	19.9	18.5
5 1	16 44.36	−26 0.4	1.067	1.992	15.7	18.2
5 11	16 37.81	−26 8.3	1.014	1.988	10.7	17.9
5 21	16 28.39	−26 5.1	0.981	1.985	5.2	17.6
5 31	16 17.59	−25 50.3	0.971	1.983	2.6	17.4
6 10	16 7.28	−25 26.9	0.983	1.981	7.8	17.7
6 20	15 59.10	−25 0.1	1.017	1.980	13.2	18.0
6 30	15 54.24	−24 36.2	1.070	1.979	18.0	18.3

457481 2008 UT_{289} 5 28.2 112°.91 1°.3/27.9 17

4 21	16 51.89	−17 57.1	1.408	2.251	17.7	21.2
5 1	16 47.01	−18 7.9	1.337	2.255	13.7	21.0
5 11	16 39.04	−18 18.6	1.287	2.260	9.1	20.7
5 21	16 28.77	−18 29.3	1.259	2.265	4.0	20.4
5 31	16 17.47	−18 40.2	1.257	2.269	2.1	20.3
6 10	16 6.64	−18 52.7	1.281	2.274	7.1	20.6
6 20	15 57.61	−19 8.2	1.328	2.278	11.9	20.9
6 30	15 51.35	−19 28.5	1.397	2.282	16.1	21.2

324333 2006 OW_{16} 5 28.2 265°.50 1°.9/28.8 17

4 21	16 49.86	−26 57.7	1.653	2.480	16.2	21.3
5 1	16 45.46	−26 58.0	1.557	2.465	12.8	21.1
5 11	16 38.10	−26 48.8	1.482	2.449	8.8	20.8
5 21	16 28.43	−26 28.7	1.430	2.432	4.3	20.5
5 31	16 17.57	−25 57.8	1.405	2.416	2.2	20.3
6 10	16 6.93	−25 18.8	1.405	2.399	6.4	20.5
6 20	15 57.81	−24 36.5	1.430	2.382	11.1	20.8
6 30	15 51.25	−23 56.5	1.478	2.365	15.3	21.0

24798 1994 PF_2 5 28.2 303°.70 1°.3/27.7 18

4 21	16 46.15	−19 55.3	1.446	2.296	16.9	19.0
5 1	16 42.95	−19 39.3	1.345	2.268	13.3	18.7
5 11	16 36.70	−19 18.4	1.265	2.240	8.9	18.4
5 21	16 27.94	−18 53.5	1.207	2.213	3.9	18.0
5 31	16 17.74	−18 26.8	1.173	2.185	2.3	17.8
6 10	16 7.56	−18 1.7	1.164	2.157	7.5	18.0
6 20	15 58.81	−17 42.4	1.178	2.130	12.8	18.3
6 30	15 52.68	−17 32.5	1.212	2.104	17.6	18.5

433173 2012 TR_{295} 5 28.2 284°.46 6°.9/29.8 16

4 21	16 52.15	−36 53.1	1.953	2.741	15.5	20.9
5 1	16 47.30	−38 2.1	1.857	2.727	13.0	20.7
5 11	16 39.40	−39 0.7	1.782	2.713	10.2	20.5
5 21	16 29.05	−39 43.6	1.730	2.699	7.8	20.3
5 31	16 17.31	−40 6.4	1.704	2.685	6.9	20.2
6 10	16 5.63	−40 8.1	1.704	2.671	8.3	20.3
6 20	15 55.39	−39 51.4	1.728	2.657	11.1	20.4
6 30	15 47.74	−39 22.0	1.775	2.643	14.0	20.6

301330 2009 BR_{178} 5 28.2 349°.97 0°.4/28.0 18

4 21	16 43.68	−21 39.8	1.712	2.555	15.0	20.4
5 1	16 40.26	−21 26.5	1.631	2.550	11.6	20.2
5 11	16 34.40	−21 8.1	1.572	2.546	7.7	20.0
5 21	16 26.75	−20 45.4	1.536	2.542	3.3	19.7
5 31	16 18.29	−20 20.1	1.526	2.539	1.4	19.5
6 10	16 10.17	−19 55.2	1.542	2.536	6.0	19.8
6 20	16 3.40	−19 33.8	1.583	2.535	10.2	20.1
6 30	15 58.77	−19 18.9	1.646	2.533	13.9	20.3

358803 2008 EO_{72} 5 28.2 126°.14 4°.6/26.1 17

4 21	16 44.11	− 8 6.9	2.383	3.205	12.0	21.3
5 1	16 39.67	− 7 33.3	2.309	3.209	9.5	21.2
5 11	16 33.55	− 7 4.1	2.257	3.213	6.9	21.0
5 21	16 26.27	− 6 41.9	2.231	3.217	4.9	20.9
5 31	16 18.50	− 6 29.0	2.233	3.220	4.9	20.9
6 10	16 11.02	− 6 27.2	2.262	3.224	6.9	21.0
6 20	16 4.47	− 6 37.0	2.316	3.227	9.5	21.2
6 30	15 59.43	− 6 58.0	2.394	3.231	11.9	21.4

90906 1997 EV_{36} 5 28.2 147°.37 8°.6/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.04	+ 2 23.2	2.091	2.891	14.2	19.8
5 1	16 42.08	+ 3 13.3	2.025	2.896	12.0	19.7
5 11	16 35.20	+ 3 51.2	1.981	2.901	10.0	19.5
5 21	16 26.98	+ 4 12.4	1.962	2.906	8.7	19.5
5 31	16 18.23	+ 4 13.4	1.967	2.911	8.9	19.5
6 10	16 9.83	+ 3 53.3	1.998	2.915	10.4	19.6
6 20	16 2.55	+ 3 13.1	2.052	2.919	12.4	19.7
6 30	15 57.01	+ 2 15.5	2.127	2.922	14.6	19.9

7982 1979 MX_5 5 28.2 33°.36 2°.3/27.5 18

4 21	16 47.38	−18 26.0	1.217	2.077	18.8	17.7
5 1	16 43.79	−18 0.7	1.155	2.083	14.6	17.4
5 11	16 37.00	−17 32.2	1.112	2.089	9.6	17.2
5 21	16 27.91	−17 2.7	1.091	2.097	4.4	16.9
5 31	16 17.87	−16 35.7	1.094	2.104	3.0	16.8
6 10	16 8.47	−16 15.0	1.120	2.112	7.9	17.1
6 20	16 1.01	−16 4.0	1.168	2.121	12.9	17.4
6 30	15 56.42	−16 4.7	1.237	2.130	17.2	17.7

428004 2006 BX_{67} 5 28.2 204°.25 6°.5/25.8 17

4 21	16 47.52	− 3 36.8	2.095	2.909	13.7	21.3
5 1	16 42.56	− 3 1.5	2.015	2.906	11.2	21.1
5 11	16 35.60	− 2 34.2	1.958	2.903	8.6	21.0
5 21	16 27.19	− 2 18.6	1.926	2.899	6.8	20.8
5 31	16 18.14	− 2 17.7	1.921	2.895	6.9	20.8
6 10	16 9.36	− 2 32.9	1.942	2.890	8.8	20.9
6 20	16 1.66	− 3 4.1	1.987	2.885	11.4	21.1
6 30	15 55.71	− 3 49.6	2.055	2.880	14.0	21.3

44718 1999 TP_8 5 28.2 284°.04 0°.1/28.1 17

4 21	16 48.81	−21 34.1	1.522	2.363	16.7	19.1
5 1	16 44.64	−21 35.9	1.439	2.356	13.0	18.8
5 11	16 37.54	−21 33.2	1.376	2.349	8.6	18.5
5 21	16 28.19	−21 26.0	1.336	2.342	3.7	18.2
5 31	16 17.74	−21 15.0	1.322	2.335	1.5	18.0
6 10	16 7.60	−21 2.5	1.334	2.328	6.6	18.4
6 20	15 59.05	−20 51.7	1.369	2.322	11.4	18.6
6 30	15 53.07	−20 45.8	1.427	2.315	15.6	18.8

467308 2016 FF_2 5 28.2 29°.99 5°.4/29.6 17

4 21	16 49.10	−31 4.0	1.176	2.021	20.3	20.9
5 1	16 45.68	−31 50.3	1.118	2.031	16.3	20.7
5 11	16 38.55	−32 23.0	1.078	2.042	11.7	20.4
5 21	16 28.65	−32 37.7	1.059	2.054	7.3	20.2
5 31	16 17.60	−32 32.0	1.062	2.067	5.4	20.2
6 10	16 7.30	−32 8.5	1.089	2.080	8.3	20.4
6 20	15 59.33	−31 33.6	1.137	2.094	12.6	20.6
6 30	15 54.71	−30 54.9	1.204	2.109	16.7	20.9

75624 2000 AR_{47} 5 28.2 88°.01 1°.5/28.7 18

4 21	16 51.01	−25 33.2	1.618	2.447	16.4	19.6
5 1	16 45.94	−25 38.1	1.552	2.461	12.8	19.4
5 11	16 38.09	−25 35.1	1.507	2.475	8.5	19.1
5 21	16 28.30	−25 23.4	1.486	2.489	4.0	18.9
5 31	16 17.76	−25 3.5	1.492	2.503	1.9	18.8
6 10	16 7.82	−24 38.3	1.523	2.517	6.0	19.1
6 20	15 59.60	−24 11.7	1.580	2.531	10.3	19.4
6 30	15 53.89	−23 48.0	1.659	2.544	14.0	19.6

315968 2008 YG_{24} 5 28.2 120°.86 3°.9/26.7 18

4 21	16 45.86	−11 12.9	2.079	2.908	13.3	20.6
5 1	16 41.30	−10 47.0	2.004	2.911	10.4	20.4
5 11	16 34.77	−10 24.0	1.951	2.915	7.2	20.2
5 21	16 26.84	−10 6.4	1.923	2.918	4.5	20.0
5 31	16 18.33	− 9 56.4	1.923	2.921	4.3	20.0
6 10	16 10.13	− 9 56.0	1.949	2.924	6.8	20.2
6 20	16 3.05	−10 5.8	2.001	2.927	10.0	20.4
6 30	15 57.72	−10 26.0	2.077	2.930	12.9	20.6

393256 2013 TQ_{37} 5 28.2 104°.94 6°.7/25.0 18

4 21	16 46.51	− 6 31.3	1.878	2.707	14.5	20.8
5 1	16 41.83	− 5 16.8	1.817	2.718	11.6	20.7
5 11	16 35.09	− 4 7.7	1.779	2.730	8.8	20.5
5 21	16 26.95	− 3 9.3	1.765	2.741	6.9	20.4
5 31	16 18.32	− 2 26.0	1.777	2.753	7.2	20.5
6 10	16 10.13	− 2 1.0	1.815	2.764	9.3	20.6
6 20	16 3.21	− 1 55.1	1.877	2.774	12.0	20.8
6 30	15 58.18	− 2 7.3	1.960	2.785	14.6	21.0

268960 2007 DV_{105} 5 28.2 51°.90 2°.2/27.4 17

4 21	16 47.32	−17 0.5	1.661	2.502	15.5	20.6
5 1	16 42.98	−16 43.2	1.589	2.506	12.0	20.4
5 11	16 36.14	−16 24.9	1.537	2.510	7.9	20.2
5 21	16 27.50	−16 7.1	1.510	2.514	3.8	19.9
5 31	16 18.09	−15 52.0	1.508	2.518	2.8	19.9
6 10	16 9.09	−15 42.1	1.533	2.522	6.7	20.1
6 20	16 1.55	−15 39.5	1.583	2.527	10.8	20.4
6 30	15 56.23	−15 45.5	1.654	2.531	14.4	20.6

69581 1998 DX_8 5 28.2 315°.16 0°.3/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.00	−21 24.9	1.341	2.194	17.8	19.5
5 1	16 43.65	−21 22.4	1.259	2.183	13.9	19.2
5 11	16 37.12	−21 15.0	1.196	2.172	9.3	18.9
5 21	16 28.10	−21 2.7	1.155	2.161	4.0	18.6
5 31	16 17.82	−20 46.8	1.138	2.151	1.7	18.4
6 10	16 7.84	−20 30.2	1.146	2.142	7.2	18.7
6 20	15 59.58	−20 16.5	1.176	2.132	12.5	18.9
6 30	15 54.12	−20 9.5	1.227	2.124	17.0	19.2

263188 2007 YP_{32} 5 28.2 29°.92 2°.2/27.7 17

4 21	16 49.20	−16 9.1	1.357	2.207	17.8	20.1
5 1	16 45.01	−16 15.6	1.289	2.211	13.8	19.9
5 11	16 37.78	−16 23.9	1.240	2.215	9.2	19.6
5 21	16 28.29	−16 34.6	1.214	2.219	4.3	19.3
5 31	16 17.79	−16 48.6	1.213	2.224	2.8	19.2
6 10	16 7.76	−17 6.9	1.236	2.229	7.4	19.5
6 20	15 59.50	−17 30.6	1.283	2.234	12.2	19.8
6 30	15 53.95	−18 0.5	1.351	2.239	16.3	20.1

406324 2007 PR_8 5 28.2 185°.93 0°.7/27.9 16

4 21	16 50.84	−21 38.8	1.666	2.498	15.9	22.0
5 1	16 45.81	−21 13.7	1.586	2.498	12.3	21.7
5 11	16 38.06	−20 42.3	1.526	2.498	8.1	21.5
5 21	16 28.35	−20 5.6	1.492	2.497	3.5	21.2
5 31	16 17.77	−19 25.9	1.484	2.496	1.7	21.1
6 10	16 7.62	−18 47.0	1.502	2.494	6.4	21.4
6 20	15 59.02	−18 13.0	1.546	2.492	10.9	21.6
6 30	15 52.84	−17 47.5	1.612	2.489	14.8	21.8

399144 2014 EP_{37} 5 28.2 101°.38 4°.3/26.4 18

4 21	16 45.14	− 9 16.9	2.234	3.059	12.6	20.6
5 1	16 40.58	− 8 48.7	2.162	3.065	9.9	20.5
5 11	16 34.21	− 8 24.7	2.113	3.072	7.1	20.3
5 21	16 26.60	− 8 7.2	2.089	3.079	4.8	20.2
5 31	16 18.48	− 7 58.7	2.093	3.086	4.7	20.2
6 10	16 10.68	− 8 0.5	2.124	3.093	6.8	20.3
6 20	16 3.91	− 8 13.2	2.181	3.099	9.6	20.5
6 30	15 58.76	− 8 36.5	2.261	3.106	12.3	20.7

233191 2005 WM_{137} 5 28.2 353°.85 0°.2/28.2 17

4 21	16 47.68	−22 13.3	1.150	2.011	19.6	21.3
5 1	16 44.52	−22 14.1	1.081	2.009	15.3	21.0
5 11	16 37.83	−22 8.8	1.030	2.007	10.2	20.7
5 21	16 28.42	−21 57.1	0.999	2.005	4.4	20.4
5 31	16 17.73	−21 40.3	0.992	2.005	1.7	20.2
6 10	16 7.56	−21 21.7	1.007	2.004	7.7	20.6
6 20	15 59.45	−21 5.6	1.044	2.005	13.2	20.9
6 30	15 54.52	−20 56.4	1.101	2.005	18.0	21.2

17706 1997 VA_6 5 28.2 138°.62 0°.1/28.2 18

4 21	16 51.03	−24 11.6	1.628	2.458	16.3	18.4
5 1	16 45.93	−23 36.2	1.554	2.466	12.6	18.2
5 11	16 38.10	−22 51.4	1.502	2.473	8.3	17.9
5 21	16 28.36	−21 58.5	1.474	2.479	3.5	17.7
5 31	16 17.87	−21 0.4	1.473	2.485	1.4	17.5
6 10	16 7.96	−20 2.1	1.498	2.491	6.3	17.8
6 20	15 59.72	−19 8.7	1.549	2.497	10.7	18.1
6 30	15 53.95	−18 24.8	1.622	2.502	14.5	18.4

273895 2007 HV_{35} 5 28.2 306°.62 0°.6/28.4 17

4 21	16 47.26	−22 41.8	1.688	2.525	15.5	20.7
5 1	16 43.25	−22 50.7	1.600	2.514	12.1	20.5
5 11	16 36.56	−22 55.1	1.533	2.504	8.1	20.2
5 21	16 27.81	−22 54.4	1.490	2.495	3.6	19.9
5 31	16 18.04	−22 48.9	1.472	2.485	1.4	19.7
6 10	16 8.50	−22 40.3	1.481	2.476	6.1	20.0
6 20	16 0.36	−22 31.2	1.514	2.467	10.5	20.2
6 30	15 54.54	−22 25.1	1.570	2.458	14.5	20.4

502235 2015 BZ_{90} 5 28.2 42°.07 6°.4/25.9 17

4 21	16 46.01	− 7 6.5	1.707	2.542	15.4	21.1
5 1	16 41.81	− 6 19.9	1.638	2.545	12.3	20.9
5 11	16 35.30	− 5 39.7	1.591	2.549	9.2	20.8
5 21	16 27.16	− 5 10.2	1.568	2.552	6.8	20.6
5 31	16 18.34	− 4 55.3	1.570	2.555	6.8	20.6
6 10	16 9.92	− 4 57.3	1.597	2.559	9.2	20.8
6 20	16 2.82	− 5 16.3	1.647	2.563	12.3	21.0
6 30	15 57.77	− 5 51.0	1.719	2.567	15.4	21.2

146147 2000 SD_{93} 5 28.2 253°.31 2°.2/29.3 18

4 21	16 46.53	−29 45.8	2.368	3.174	12.6	20.1
5 1	16 41.93	−29 37.9	2.271	3.165	10.0	19.9
5 11	16 35.28	−29 20.5	2.198	3.156	6.9	19.7
5 21	16 27.14	−28 53.0	2.150	3.148	3.8	19.5
5 31	16 18.34	−28 16.1	2.130	3.139	2.3	19.4
6 10	16 9.80	−27 32.0	2.138	3.130	4.8	19.5
6 20	16 2.36	−26 44.3	2.173	3.121	8.1	19.7
6 30	15 56.70	−25 57.2	2.233	3.111	11.2	19.9

222498 2001 SQ_{293} 5 28.2 208°.50 1°.0/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.28	−24 55.5	2.165	2.978	13.4	22.5
5 1	16 44.95	−24 57.2	2.072	2.973	10.4	22.3
5 11	16 37.34	−24 52.8	2.001	2.966	7.0	22.1
5 21	16 28.05	−24 41.7	1.957	2.960	3.2	21.8
5 31	16 17.97	−24 24.1	1.940	2.952	1.4	21.7
6 10	16 8.14	−24 2.1	1.952	2.944	5.1	21.9
6 20	15 59.49	−23 38.4	1.990	2.935	8.9	22.1
6 30	15 52.80	−23 16.4	2.053	2.926	12.2	22.3

485795 2012 DQ_{24} 5 28.2 11°.24 23°.0/31.0 18

4 21	17 5.22	−53 47.0	0.981	1.753	28.4	20.7
5 1	17 3.60	−57 26.9	0.933	1.753	26.5	20.6
5 11	16 54.30	−60 40.1	0.899	1.754	24.7	20.4
5 21	16 36.98	−63 5.6	0.878	1.756	23.4	20.3
5 31	16 14.10	−64 23.1	0.872	1.758	23.0	20.3
6 10	15 51.27	−64 26.0	0.880	1.761	23.4	20.4
6 20	15 34.15	−63 24.9	0.902	1.764	24.6	20.5
6 30	15 25.84	−61 40.9	0.936	1.768	26.2	20.6

291144 2005 YK_{237} 5 28.2 202°.73 0°.3/28.3 16

4 21	16 52.74	−22 40.9	1.710	2.535	15.8	22.5
5 1	16 47.38	−22 39.3	1.623	2.532	12.3	22.3
5 11	16 39.21	−22 32.2	1.558	2.527	8.2	22.0
5 21	16 28.93	−22 19.1	1.518	2.522	3.6	21.8
5 31	16 17.63	−22 0.8	1.504	2.517	1.4	21.6
6 10	16 6.66	−21 39.7	1.517	2.510	6.2	21.9
6 20	15 57.22	−21 19.1	1.556	2.503	10.7	22.1
6 30	15 50.23	−21 2.9	1.618	2.496	14.7	22.4

422753 2001 SA_{290} 5 28.2 167°.70 2°.4/29.5 17

4 21	16 51.49	−30 38.9	2.351	3.145	13.0	21.5
5 1	16 45.61	−30 26.6	2.264	3.151	10.3	21.3
5 11	16 37.59	−30 3.9	2.201	3.156	7.2	21.1
5 21	16 28.09	−29 29.9	2.164	3.160	4.0	20.9
5 31	16 18.01	−28 45.6	2.155	3.163	2.4	20.8
6 10	16 8.33	−27 53.6	2.176	3.166	4.9	21.0
6 20	15 59.93	−26 58.1	2.224	3.167	8.1	21.2
6 30	15 53.46	−26 3.7	2.297	3.169	11.1	21.4

498297 2007 VH_{99} 5 28.2 229°.43 3°.3/29.3 17

4 21	16 52.64	−29 28.8	1.757	2.571	15.9	21.7
5 1	16 47.53	−29 50.8	1.665	2.562	12.7	21.5
5 11	16 39.45	−30 3.4	1.593	2.553	9.0	21.3
5 21	16 29.09	−30 3.8	1.546	2.543	5.1	21.0
5 31	16 17.56	−29 50.6	1.525	2.532	3.4	20.9
6 10	16 6.29	−29 25.4	1.531	2.521	6.5	21.0
6 20	15 56.57	−28 52.2	1.562	2.510	10.6	21.2
6 30	15 49.42	−28 16.8	1.616	2.498	14.4	21.4

271845 2004 TV_{227} 5 28.2 338°.59 3°.4/29.2 17

4 21	16 45.95	−28 41.9	1.455	2.294	17.4	20.3
5 1	16 42.81	−29 6.1	1.372	2.285	13.9	20.1
5 11	16 36.56	−29 20.5	1.309	2.276	9.7	19.8
5 21	16 27.90	−29 22.4	1.269	2.268	5.5	19.5
5 31	16 18.04	−29 10.7	1.252	2.261	3.6	19.4
6 10	16 8.49	−28 47.5	1.260	2.254	7.0	19.6
6 20	16 0.65	−28 17.1	1.291	2.248	11.5	19.8
6 30	15 55.57	−27 45.3	1.343	2.243	15.6	20.0

471886 2013 AO_{116} 5 28.2 142°.00 5°.1/26.0 17

4 21	16 44.84	− 4 48.2	2.606	3.417	11.4	21.4
5 1	16 40.10	− 4 22.2	2.533	3.423	9.2	21.2
5 11	16 33.80	− 4 2.5	2.483	3.428	7.0	21.1
5 21	16 26.45	− 3 51.5	2.458	3.434	5.3	21.0
5 31	16 18.66	− 3 51.2	2.462	3.439	5.3	21.0
6 10	16 11.12	− 4 2.7	2.493	3.444	6.9	21.1
6 20	16 4.46	− 4 25.8	2.550	3.449	9.2	21.2
6 30	15 59.18	− 4 59.7	2.631	3.453	11.4	21.4

34255 2000 QR_{115} 5 28.2 190°.71 3°.4/29.7 18

4 21	16 48.80	−32 16.5	2.660	3.448	11.8	19.7
5 1	16 43.54	−32 44.9	2.568	3.447	9.5	19.6
5 11	16 36.29	−33 5.3	2.500	3.446	6.9	19.4
5 21	16 27.59	−33 15.7	2.458	3.444	4.5	19.2
5 31	16 18.21	−33 15.1	2.444	3.442	3.4	19.2
6 10	16 9.04	−33 4.3	2.458	3.440	5.1	19.3
6 20	16 0.89	−32 45.5	2.499	3.438	7.6	19.4
6 30	15 54.44	−32 22.1	2.566	3.435	10.2	19.6

152521 2006 KU_1 5 28.2 8°.26 6°.1/26.4 17

4 21	16 43.40	− 8 53.6	1.458	2.310	16.7	19.4
5 1	16 40.21	− 8 15.4	1.393	2.312	13.2	19.2
5 11	16 34.45	− 7 43.4	1.348	2.314	9.6	19.0
5 21	16 26.87	− 7 22.0	1.326	2.317	6.6	18.8
5 31	16 18.51	− 7 15.1	1.327	2.321	6.5	18.8
6 10	16 10.58	− 7 24.7	1.353	2.326	9.3	19.0
6 20	16 4.12	− 7 50.9	1.401	2.332	12.9	19.2
6 30	15 59.93	− 8 32.2	1.469	2.339	16.3	19.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
388895 2008 SG_1			5 28.2 231°.87		5°.1/25.8 18	
	h m	° ′			°	m
4 21	16 47.00	− 7 25.2	2.377	3.192	12.3	21.6
5 1	16 42.08	− 6 44.2	2.283	3.178	9.8	21.4
5 11	16 35.30	− 6 7.0	2.212	3.164	7.3	21.3
5 21	16 27.17	− 5 36.7	2.167	3.149	5.4	21.1
5 31	16 18.39	− 5 16.4	2.150	3.134	5.4	21.1
6 10	16 9.76	− 5 8.2	2.161	3.118	7.5	21.2
6 20	16 2.04	− 5 13.1	2.198	3.102	10.2	21.3
6 30	15 55.87	− 5 31.2	2.258	3.084	12.9	21.5
408952 2002 ER_{145}			5 28.2 166°.13		7°.6/30.7 17	
4 21	16 54.20	−38 2.0	1.548	2.347	18.4	20.8
5 1	16 49.38	−38 51.7	1.471	2.348	15.4	20.6
5 11	16 40.97	−39 25.1	1.413	2.348	12.0	20.4
5 21	16 29.81	−39 36.2	1.376	2.349	8.9	20.2
5 31	16 17.35	−39 21.3	1.363	2.349	7.6	20.2
6 10	16 5.40	−38 42.0	1.375	2.350	9.1	20.3
6 20	15 55.55	−37 44.5	1.410	2.350	12.2	20.4
6 30	15 48.91	−36 37.7	1.467	2.350	15.6	20.6
71817 2000 UR_{12}			5 28.2 126°.06		4°.2/29.4 18	
4 21	16 53.26	−30 16.9	1.565	2.385	17.3	19.3
5 1	16 48.19	−30 52.8	1.491	2.390	13.8	19.1
5 11	16 39.93	−31 18.4	1.437	2.395	9.9	18.8
5 21	16 29.29	−31 29.9	1.406	2.400	5.9	18.6
5 31	16 17.57	−31 25.6	1.401	2.405	4.2	18.5
6 10	16 6.33	−31 7.0	1.421	2.410	7.1	18.7
6 20	15 56.94	−30 38.6	1.465	2.415	11.1	18.9
6 30	15 50.40	−30 6.7	1.532	2.419	14.8	19.2
258834 2002 PF_{13}			5 28.2 300°.78		2°.9/29.2 17	
4 21	16 47.74	−28 46.6	1.442	2.279	17.6	20.5
5 1	16 44.37	−28 51.6	1.348	2.259	14.1	20.2
5 11	16 37.74	−28 44.7	1.273	2.240	9.9	19.9
5 21	16 28.49	−28 23.7	1.220	2.221	5.3	19.6
5 31	16 17.84	−27 48.0	1.192	2.202	3.1	19.4
6 10	16 7.38	−27 0.7	1.188	2.183	7.1	19.6
6 20	15 58.61	−26 7.7	1.207	2.164	12.1	19.8
6 30	15 52.72	−25 16.1	1.247	2.146	16.7	20.0
291883 2006 PF_{23}			5 28.2 271°.17		1°.7/27.7 18	
4 21	16 49.23	−18 22.1	1.640	2.478	15.8	21.1
5 1	16 44.91	−18 9.6	1.543	2.459	12.4	20.8
5 11	16 37.78	−17 54.6	1.467	2.439	8.3	20.5
5 21	16 28.43	−17 38.1	1.415	2.420	3.8	20.2
5 31	16 17.88	−17 21.9	1.388	2.400	2.4	20.1
6 10	16 7.44	−17 8.6	1.388	2.379	7.0	20.3
6 20	15 58.36	−17 1.1	1.413	2.359	11.7	20.5
6 30	15 51.67	−17 1.8	1.459	2.338	15.9	20.7
43841 Marcustacitus			5 28.2 158°.08		0°.4/28.1 17	
4 21	16 50.75	−21 41.5	1.942	2.764	14.3	19.8
5 1	16 45.34	−21 28.0	1.864	2.771	11.1	19.6
5 11	16 37.59	−21 9.6	1.807	2.777	7.3	19.3
5 21	16 28.16	−20 46.8	1.777	2.782	3.1	19.1
5 31	16 18.05	−20 21.2	1.774	2.786	1.3	19.0
6 10	16 8.34	−19 55.3	1.799	2.791	5.6	19.3
6 20	15 59.99	−19 32.1	1.850	2.794	9.5	19.5
6 30	15 53.75	−19 14.4	1.925	2.797	12.9	19.7
387130 2012 TT_{190}			5 28.2 220°.06		0°.1/28.2 18	
4 21	16 47.00	−22 52.3	2.246	3.066	12.7	21.7
5 1	16 42.28	−22 37.7	2.155	3.061	9.8	21.5
5 11	16 35.52	−22 17.7	2.087	3.056	6.5	21.3
5 21	16 27.29	−21 52.7	2.045	3.050	2.8	21.1
5 31	16 18.39	−21 24.2	2.031	3.044	1.1	20.9
6 10	16 9.74	−20 54.4	2.045	3.037	4.9	21.2
6 20	16 2.19	−20 26.2	2.086	3.031	8.5	21.4
6 30	15 56.41	−20 2.5	2.151	3.024	11.7	21.6
5809 Kulibin			5 28.2 299°.11		1°.4/27.7 18	
4 21	16 45.95	−18 26.8	1.999	2.831	13.6	17.4
5 1	16 41.67	−18 16.1	1.914	2.827	10.5	17.2
5 11	16 35.22	−18 3.4	1.851	2.823	6.9	17.0
5 21	16 27.19	−17 49.8	1.814	2.819	3.1	16.8
5 31	16 18.43	−17 36.8	1.804	2.815	1.9	16.7
6 10	16 9.94	−17 26.4	1.820	2.811	5.7	16.9
6 20	16 2.60	−17 20.5	1.863	2.807	9.5	17.1
6 30	15 57.16	−17 20.9	1.929	2.803	12.8	17.3
334836 2003 TK_{13}			5 28.2 163°.35		3°.7/30.7 18	
4 21	16 52.20	−36 36.0	2.434	3.208	13.2	20.5
5 1	16 46.11	−36 7.5	2.344	3.213	10.7	20.4
5 11	16 37.88	−35 24.0	2.278	3.217	7.9	20.2
5 21	16 28.22	−34 24.6	2.237	3.221	5.1	20.0
5 31	16 18.07	−33 10.4	2.224	3.224	3.7	19.9
6 10	16 8.45	−31 45.1	2.242	3.227	5.2	20.0
6 20	16 0.20	−30 14.3	2.287	3.229	8.0	20.2
6 30	15 53.96	−28 44.0	2.359	3.231	10.9	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
384900 2012 TO_{31}			5 28.2 239°.86		0°.6/28.5 17	
	h m	° ′			°	m
4 21	16 47.11	−24 44.1	2.030	2.853	13.8	20.7
5 1	16 42.60	−24 27.2	1.942	2.849	10.7	20.5
5 11	16 35.84	−24 2.9	1.876	2.844	7.1	20.3
5 21	16 27.45	−23 31.5	1.836	2.840	3.2	20.0
5 31	16 18.34	−22 54.5	1.822	2.835	1.2	19.8
6 10	16 9.54	−22 14.8	1.837	2.830	5.2	20.1
6 20	16 1.97	−21 36.0	1.877	2.825	9.1	20.3
6 30	15 56.38	−21 1.9	1.941	2.820	12.5	20.5
413872 2006 UY_{218}			5 28.2 226°.23		2°.3/27.3 17	
4 21	16 49.37	−16 51.2	1.883	2.712	14.4	21.8
5 1	16 44.47	−16 27.2	1.793	2.704	11.2	21.5
5 11	16 37.16	−16 1.4	1.725	2.695	7.5	21.3
5 21	16 28.06	−15 35.5	1.682	2.685	3.7	21.0
5 31	16 18.09	−15 11.8	1.666	2.675	2.8	20.9
6 10	16 8.37	−14 53.0	1.678	2.664	6.5	21.1
6 20	15 59.90	−14 41.5	1.715	2.653	10.5	21.4
6 30	15 53.50	−14 39.2	1.775	2.641	14.1	21.6
366576 2002 TT_{30}			5 28.2 253°.25		0°.8/27.9 17	
4 21	16 49.75	−20 47.7	1.929	2.755	14.3	21.8
5 1	16 44.90	−20 28.7	1.827	2.736	11.2	21.6
5 11	16 37.55	−20 4.7	1.746	2.716	7.4	21.3
5 21	16 28.27	−19 36.3	1.690	2.695	3.2	21.0
5 31	16 17.99	−19 5.2	1.662	2.674	1.7	20.9
6 10	16 7.84	−18 34.3	1.661	2.652	6.0	21.1
6 20	15 58.89	−18 6.9	1.687	2.630	10.3	21.3
6 30	15 52.03	−17 46.4	1.736	2.607	14.1	21.5
131077 2000 YH_{105}			5 28.2 110°.28		3°.3/29.7 17	
4 21	16 53.05	−31 55.0	2.393	3.180	13.0	20.1
5 1	16 46.74	−32 17.5	2.325	3.205	10.3	19.9
5 11	16 38.29	−32 30.5	2.281	3.228	7.4	19.8
5 21	16 28.41	−32 32.2	2.263	3.251	4.6	19.6
5 31	16 18.01	−32 21.9	2.273	3.274	3.4	19.6
6 10	16 8.08	−32 1.4	2.311	3.295	5.2	19.7
6 20	15 59.47	−31 33.8	2.377	3.316	7.9	19.9
6 30	15 52.84	−31 3.1	2.469	3.337	10.6	20.1
94234 2001 BE_{74}			5 28.2 198°.24		4°.3/30.3 18	
4 21	16 51.44	−35 35.5	2.390	3.170	13.2	20.3
5 1	16 45.84	−35 49.7	2.297	3.167	10.8	20.1
5 11	16 37.93	−35 52.0	2.226	3.164	8.1	19.9
5 21	16 28.35	−35 40.1	2.179	3.160	5.5	19.7
5 31	16 18.01	−35 13.1	2.161	3.155	4.4	19.7
6 10	16 7.98	−34 32.7	2.170	3.150	5.8	19.7
6 20	15 59.23	−33 42.8	2.206	3.144	8.5	19.9
6 30	15 52.49	−32 48.3	2.267	3.138	11.3	20.1
389932 2012 TO_{131}			5 28.2 216°.91		4°.4/25.7 18	
4 21	16 45.75	− 9 6.4	2.635	3.450	11.2	22.1
5 1	16 40.90	− 8 17.7	2.543	3.440	8.9	21.9
5 11	16 34.43	− 7 31.1	2.476	3.430	6.5	21.7
5 21	16 26.79	− 6 49.3	2.435	3.420	4.6	21.6
5 31	16 18.62	− 6 15.5	2.423	3.409	4.7	21.6
6 10	16 10.63	− 5 51.9	2.439	3.397	6.7	21.7
6 20	16 3.48	− 5 39.9	2.481	3.385	9.2	21.8
6 30	15 57.72	− 5 40.1	2.547	3.372	11.6	22.0
323393 2003 YE_{116}			5 28.2 164°.63		3°.4/29.5 17	
4 21	16 51.81	−30 48.0	1.765	2.577	15.9	21.6
5 1	16 46.68	−30 56.9	1.684	2.580	12.7	21.3
5 11	16 38.75	−30 54.2	1.625	2.582	9.0	21.1
5 21	16 28.75	−30 37.7	1.589	2.584	5.2	20.9
5 31	16 17.86	−30 7.1	1.580	2.586	3.4	20.8
6 10	16 7.43	−29 25.3	1.597	2.588	6.3	21.0
6 20	15 58.64	−28 37.2	1.640	2.589	10.1	21.2
6 30	15 52.36	−27 48.7	1.706	2.590	13.7	21.4
501414 2013 YA_{125}			5 28.2 195°.49		2°.8/27.1 18	
4 21	16 46.77	−13 58.7	2.193	3.018	12.8	21.4
5 1	16 42.02	−13 41.2	2.109	3.017	9.9	21.2
5 11	16 35.32	−13 24.8	2.049	3.016	6.7	21.0
5 21	16 27.21	−13 11.2	2.014	3.014	3.7	20.8
5 31	16 18.47	−13 2.1	2.007	3.012	3.2	20.7
6 10	16 9.98	−12 59.2	2.028	3.010	6.0	20.9
6 20	16 2.55	−13 3.9	2.075	3.007	9.3	21.1
6 30	15 56.83	−13 16.6	2.146	3.005	12.3	21.3
345955 2007 SQ_{15}			5 28.2 294°.17		3°.7/27.1 18	
4 21	16 47.50	−12 18.1	1.889	2.721	14.3	20.8
5 1	16 43.26	−12 4.6	1.780	2.690	11.3	20.5
5 11	16 36.57	−11 53.9	1.692	2.659	7.9	20.2
5 21	16 27.92	−11 48.0	1.629	2.628	4.6	20.0
5 31	16 18.13	−11 49.3	1.593	2.596	4.1	19.9
6 10	16 8.29	−11 59.7	1.583	2.564	7.4	20.0
6 20	15 59.48	−12 20.3	1.598	2.532	11.4	20.1
6 30	15 52.63	−12 51.6	1.636	2.501	15.2	20.3

61583 2000 QH_{83} 5 28.2 210°.66 1°.7/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.61	−18 36.0	1.752	2.583	15.3	19.7
5 1	16 45.59	−18 14.4	1.666	2.578	11.9	19.5
5 11	16 37.98	−17 49.5	1.601	2.572	7.9	19.2
5 21	16 28.43	−17 22.7	1.562	2.566	3.6	19.0
5 31	16 17.98	−16 56.3	1.549	2.560	2.4	18.9
6 10	16 7.84	−16 33.1	1.563	2.553	6.6	19.1
6 20	15 59.11	−16 16.2	1.603	2.545	10.8	19.3
6 30	15 52.63	−16 8.1	1.665	2.537	14.6	19.5

354094 2001 XY_{188} 5 28.2 187°.68 2°.7/26.8 18

4 21	16 45.11	−12 5.8	2.954	3.768	10.2	22.2
5 1	16 40.22	−11 47.3	2.867	3.767	7.9	22.0
5 11	16 33.89	−11 30.5	2.804	3.765	5.4	21.9
5 21	16 26.54	−11 16.8	2.768	3.764	3.3	21.7
5 31	16 18.74	−11 7.6	2.762	3.761	3.0	21.7
6 10	16 11.14	−11 4.3	2.785	3.759	5.1	21.8
6 20	16 4.29	−11 7.7	2.835	3.756	7.6	22.0
6 30	15 58.70	−11 18.2	2.910	3.752	9.9	22.1

190637 2000 WE_{155} 5 28.2 209°.89 2°.6/29.6 18 R

4 21	16 50.18	−31 12.1	2.261	3.060	13.3	20.5
5 1	16 44.84	−31 0.0	2.166	3.054	10.6	20.3
5 11	16 37.26	−30 36.6	2.093	3.048	7.5	20.1
5 21	16 28.06	−30 1.1	2.046	3.042	4.2	19.8
5 31	16 18.15	−29 14.0	2.027	3.035	2.7	19.7
6 10	16 8.57	−28 18.1	2.037	3.027	5.2	19.9
6 20	16 0.25	−27 17.8	2.073	3.019	8.5	20.1
6 30	15 53.90	−26 18.2	2.135	3.010	11.7	20.3

50594 2000 EV_{46} 5 28.2 298°.32 0°.1/28.2 18

4 21	16 46.04	−22 23.8	1.985	2.814	13.8	19.0
5 1	16 41.83	−22 12.8	1.898	2.809	10.7	18.8
5 11	16 35.37	−21 56.6	1.833	2.804	7.1	18.6
5 21	16 27.28	−21 35.7	1.794	2.799	3.0	18.3
5 31	16 18.45	−21 11.5	1.781	2.794	1.2	18.2
6 10	16 9.89	−20 46.3	1.796	2.789	5.4	18.4
6 20	16 2.54	−20 23.1	1.836	2.784	9.3	18.7
6 30	15 57.14	−20 4.9	1.900	2.780	12.7	18.9

102351 1999 TY_{123} 5 28.2 229°.79 2°.8/27.1 18

4 21	16 49.09	−16 31.6	1.832	2.663	14.7	20.4
5 1	16 44.31	−15 53.7	1.742	2.654	11.4	20.1
5 11	16 37.08	−15 13.0	1.674	2.644	7.7	19.9
5 21	16 28.05	−14 32.1	1.631	2.633	3.9	19.6
5 31	16 18.15	−13 54.2	1.616	2.622	3.3	19.6
6 10	16 8.51	−13 22.7	1.627	2.611	7.0	19.8
6 20	16 0.16	−13 0.6	1.664	2.599	11.0	20.0
6 30	15 53.90	−12 50.1	1.723	2.587	14.6	20.2

116653 2004 CJ_{29} 5 28.2 268°.21 0°.4/28.4 18 R

4 21	16 46.53	−23 30.1	2.083	2.908	13.4	20.4
5 1	16 42.15	−23 23.4	1.992	2.900	10.4	20.2
5 11	16 35.57	−23 11.1	1.924	2.892	6.9	19.9
5 21	16 27.37	−22 53.3	1.880	2.885	3.0	19.7
5 31	16 18.42	−22 30.9	1.864	2.877	1.2	19.5
6 10	16 9.71	−22 6.3	1.875	2.869	5.2	19.8
6 20	16 2.15	−21 42.1	1.913	2.861	9.0	20.0
6 30	15 56.49	−21 21.6	1.974	2.853	12.4	20.2

389202 2009 CN_{62} 5 28.2 61°.05 0°.6/28.4 17

4 21	16 46.76	−23 1.5	2.108	2.932	13.3	21.2
5 1	16 42.20	−23 8.6	2.030	2.937	10.3	21.0
5 11	16 35.52	−23 11.3	1.973	2.942	6.8	20.8
5 21	16 27.33	−23 9.5	1.942	2.947	3.0	20.6
5 31	16 18.48	−23 3.5	1.939	2.952	1.2	20.5
6 10	16 9.95	−22 55.0	1.963	2.957	5.0	20.7
6 20	16 2.60	−22 46.0	2.014	2.962	8.6	21.0
6 30	15 57.11	−22 38.9	2.088	2.967	11.8	21.2

182354 2001 QJ_{60} 5 28.2 305°.37 4°.2/26.6 18

4 21	16 45.38	−14 38.3	1.517	2.367	16.3	19.9
5 1	16 41.94	−13 51.2	1.431	2.352	12.8	19.6
5 11	16 35.80	−13 2.4	1.366	2.338	8.8	19.3
5 21	16 27.59	−12 15.6	1.324	2.325	5.1	19.1
5 31	16 18.37	−11 35.4	1.307	2.311	4.7	19.0
6 10	16 9.39	−11 6.3	1.315	2.298	8.4	19.2
6 20	16 1.84	−10 51.3	1.346	2.285	12.7	19.4
6 30	15 56.64	−10 52.0	1.398	2.273	16.7	19.6

338825 2003 WK_{82} 5 28.2 207°.42 4°.3/26.1 18

4 21	16 46.02	− 9 39.5	2.417	3.236	12.0	21.3
5 1	16 41.25	− 8 58.5	2.331	3.231	9.5	21.1
5 11	16 34.73	− 8 20.1	2.268	3.226	6.8	20.9
5 21	16 26.97	− 7 47.0	2.232	3.220	4.7	20.8
5 31	16 18.64	− 7 22.0	2.223	3.214	4.7	20.8
6 10	16 10.53	− 7 7.2	2.243	3.207	6.8	20.9
6 20	16 3.35	− 7 4.0	2.288	3.200	9.5	21.1
6 30	15 57.68	− 7 12.5	2.357	3.192	12.1	21.2

508329 2015 MP_{13} 5 28.2 226°.67 1°.5/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.17	−15 54.1	2.691	3.507	10.9	21.6
5 1	16 41.30	−15 58.0	2.596	3.500	8.5	21.4
5 11	16 34.75	−16 2.6	2.526	3.493	5.6	21.2
5 21	16 26.98	−16 8.3	2.483	3.485	2.7	21.0
5 31	16 18.63	−16 15.9	2.468	3.478	1.9	20.9
6 10	16 10.42	−16 26.1	2.483	3.470	4.7	21.1
6 20	16 3.03	−16 39.7	2.526	3.461	7.7	21.3
6 30	15 57.05	−16 57.5	2.593	3.453	10.4	21.4

198004 2004 RB_{182} 5 28.2 251°.99 2°.1/27.3 18

4 21	16 46.85	−18 15.2	1.871	2.706	14.3	20.5
5 1	16 42.51	−17 39.8	1.785	2.699	11.1	20.3
5 11	16 35.87	−17 0.6	1.721	2.692	7.4	20.1
5 21	16 27.53	−16 19.9	1.681	2.685	3.5	19.8
5 31	16 18.42	−15 40.4	1.669	2.678	2.7	19.7
6 10	16 9.61	−15 5.7	1.683	2.671	6.4	20.0
6 20	16 2.04	−14 38.9	1.723	2.663	10.3	20.2
6 30	15 56.49	−14 22.3	1.786	2.656	13.9	20.4

498840 2008 WU_{59} 5 28.2 175°.51 1°.5/27.6 18

4 21	16 48.43	−16 36.0	2.446	3.263	11.9	21.7
5 1	16 43.13	−16 33.7	2.361	3.265	9.2	21.5
5 11	16 35.98	−16 31.2	2.300	3.267	6.1	21.4
5 21	16 27.51	−16 29.3	2.265	3.268	2.8	21.1
5 31	16 18.46	−16 28.8	2.260	3.269	2.0	21.1
6 10	16 9.66	−16 30.9	2.283	3.270	5.0	21.3
6 20	16 1.83	−16 36.8	2.333	3.269	8.2	21.5
6 30	15 55.61	−16 47.4	2.409	3.269	11.1	21.7

166380 2002 LG_{46} 5 28.2 334°.50 7°.1/25.1 16

4 21	16 39.71	−10 35.0	1.334	2.200	17.1	19.5
5 1	16 37.87	− 9 17.4	1.251	2.178	13.7	19.3
5 11	16 33.30	− 7 59.6	1.187	2.157	10.1	19.0
5 21	16 26.59	− 6 48.2	1.145	2.137	7.4	18.8
5 31	16 18.80	− 5 50.8	1.126	2.118	7.8	18.7
6 10	16 11.22	− 5 13.8	1.129	2.101	11.0	18.9
6 20	16 5.07	− 5 0.6	1.154	2.085	15.1	19.0
6 30	16 1.32	− 5 11.8	1.196	2.070	19.0	19.2

455147 1994 AH_{9} 5 28.2 232°.75 1°.4/27.8 16

4 21	16 52.22	−19 14.8	1.593	2.427	16.4	22.2
5 1	16 47.26	−18 59.7	1.502	2.416	12.8	22.0
5 11	16 39.36	−18 40.9	1.432	2.404	8.5	21.7
5 21	16 29.17	−18 19.3	1.386	2.391	3.8	21.4
5 31	16 17.80	−17 56.7	1.366	2.378	2.2	21.2
6 10	16 6.67	−17 36.1	1.373	2.364	7.0	21.5
6 20	15 57.05	−17 20.9	1.404	2.349	11.8	21.7
6 30	15 49.96	−17 14.1	1.457	2.334	16.1	21.9

500843 2013 HQ_{52} 5 28.2 293°.10 2°.6/29.1 17

4 21	16 48.74	−27 59.9	1.365	2.206	18.3	21.7
5 1	16 45.38	−28 1.1	1.271	2.185	14.6	21.4
5 11	16 38.57	−27 50.4	1.196	2.165	10.2	21.1
5 21	16 28.97	−27 25.3	1.143	2.145	5.2	20.8
5 31	16 17.85	−26 45.8	1.113	2.124	2.8	20.6
6 10	16 6.90	−25 55.2	1.108	2.104	7.4	20.8
6 20	15 57.71	−24 59.9	1.126	2.084	12.7	21.0
6 30	15 51.55	−24 7.4	1.164	2.065	17.5	21.2

499377 2010 AY_{55} 5 28.2 137°.57 4°.9/26.5 17

4 21	16 46.81	− 9 5.5	1.967	2.796	13.9	20.9
5 1	16 42.21	− 8 35.2	1.893	2.798	11.0	20.7
5 11	16 35.52	− 8 9.5	1.841	2.801	7.9	20.5
5 21	16 27.36	− 7 51.3	1.813	2.803	5.4	20.4
5 31	16 18.56	− 7 43.5	1.813	2.806	5.2	20.4
6 10	16 10.09	− 7 47.6	1.838	2.808	7.6	20.5
6 20	16 2.79	− 8 4.3	1.889	2.810	10.7	20.7
6 30	15 57.32	− 8 33.0	1.963	2.812	13.7	20.9

420741 2012 TA_{124} 5 28.2 26°.79 0°.3/28.5 18

4 21	16 38.62	−23 45.8	4.101	4.909	7.6	21.0
5 1	16 35.00	−23 35.9	4.012	4.911	5.9	20.8
5 11	16 30.37	−23 22.8	3.948	4.914	3.9	20.7
5 21	16 25.06	−23 6.9	3.912	4.916	1.7	20.5
5 31	16 19.46	−22 49.0	3.905	4.918	0.6	20.4
6 10	16 14.01	−22 30.0	3.928	4.920	2.8	20.6
6 20	16 9.10	−22 11.3	3.980	4.923	4.9	20.8
6 30	16 5.07	−21 54.1	4.057	4.925	6.8	20.9

184723 2005 SQ_{165} 5 28.2 219°.65 4°.2/25.9 18

4 21	16 44.19	− 8 2.1	2.824	3.637	10.6	21.0
5 1	16 39.64	− 7 28.6	2.734	3.629	8.4	20.9
5 11	16 33.60	− 6 58.4	2.668	3.621	6.2	20.7
5 21	16 26.50	− 6 33.9	2.628	3.612	4.4	20.6
5 31	16 18.92	− 6 17.2	2.617	3.603	4.4	20.6
6 10	16 11.50	− 6 10.1	2.635	3.594	6.2	20.7
6 20	16 4.84	− 6 13.3	2.678	3.584	8.5	20.8
6 30	15 59.44	− 6 27.0	2.746	3.573	10.8	20.9

105123 2000 LZ_{34} 5 28.2 262°.22 2°.7/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.90	−16 14.2	2.123	2.955	12.9	20.0
5 1	16 40.70	−15 29.3	2.038	2.950	10.0	19.8
5 11	16 34.52	−14 42.1	1.976	2.946	6.7	19.6
5 21	16 26.94	−13 55.2	1.940	2.941	3.6	19.4
5 31	16 18.75	−13 11.8	1.931	2.936	3.2	19.4
6 10	16 10.83	−12 35.0	1.950	2.932	6.2	19.6
6 20	16 3.99	−12 7.6	1.995	2.927	9.6	19.8
6 30	15 58.88	−11 51.1	2.062	2.922	12.7	20.0

449865 2015 MO_{52} 5 28.2 311°.73 13°.2/21.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.41	+17 6.9	2.168	2.908	15.6	20.0
5 1	16 41.09	+18 8.9	2.097	2.892	14.4	19.8
5 11	16 34.80	+18 50.6	2.045	2.877	13.6	19.7
5 21	16 27.08	+19 5.7	2.013	2.862	13.2	19.7
5 31	16 18.70	+18 50.0	2.001	2.846	13.5	19.7
6 10	16 10.56	+18 2.3	2.011	2.832	14.4	19.7
6 20	16 3.46	+16 44.8	2.040	2.817	15.7	19.8
6 30	15 58.05	+15 1.7	2.087	2.803	17.2	19.8

476333 2008 AW_{36} 5 28.2 117°.51 5°.9/25.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.70	− 1 14.4	2.778	3.575	11.1	21.8
5 1	16 40.60	− 0 35.0	2.719	3.594	9.1	21.7
5 11	16 34.08	− 0 3.4	2.683	3.613	7.3	21.6
5 21	16 26.65	+ 0 17.6	2.674	3.632	6.0	21.5
5 31	16 18.90	+ 0 26.0	2.692	3.649	6.1	21.5
6 10	16 11.46	+ 0 20.7	2.738	3.667	7.4	21.6
6 20	16 4.89	+ 0 2.0	2.809	3.684	9.2	21.8
6 30	15 59.64	− 0 28.8	2.904	3.700	11.1	21.9

249419 2009 DO_{104} 5 28.2 276°.00 3°.5/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.09	−28 39.0	1.536	2.364	17.2	20.8
5 1	16 46.90	−29 6.1	1.442	2.347	13.8	20.5
5 11	16 39.44	−29 24.4	1.367	2.331	9.8	20.3
5 21	16 29.33	−29 30.7	1.315	2.314	5.5	20.0
5 31	16 17.78	−29 22.8	1.288	2.297	3.6	19.8
6 10	16 6.36	−29 2.1	1.287	2.279	7.1	20.0
6 20	15 56.58	−28 32.6	1.309	2.262	11.8	20.2
6 30	15 49.63	−28 0.5	1.353	2.245	16.1	20.4

180513 2004 DV_{17} 5 28.2 116°.80 1°.1/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.77	−19 48.6	1.783	2.612	15.1	21.4
5 1	16 45.48	−19 33.8	1.714	2.625	11.7	21.2
5 11	16 37.75	−19 15.5	1.667	2.638	7.6	21.0
5 21	16 28.33	−18 54.8	1.646	2.651	3.3	20.7
5 31	16 18.25	−18 33.4	1.651	2.663	1.8	20.6
6 10	16 8.68	−18 14.0	1.684	2.675	6.0	20.9
6 20	16 0.58	−17 59.0	1.742	2.686	10.0	21.2
6 30	15 54.70	−17 50.9	1.823	2.697	13.5	21.4

311498 2005 WO_{56} 5 28.2 199°.74 7°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.09	−50 56.6	3.538	4.216	11.0	22.3
5 1	16 48.45	−51 37.0	3.442	4.211	9.8	22.1
5 11	16 39.60	−52 3.7	3.366	4.206	8.6	22.0
5 21	16 29.13	−52 13.4	3.313	4.200	7.5	22.0
5 31	16 17.92	−52 4.1	3.286	4.193	7.0	21.9
6 10	16 6.95	−51 35.9	3.285	4.186	7.2	21.9
6 20	15 57.17	−50 51.4	3.310	4.178	8.1	22.0
6 30	15 49.28	−49 54.6	3.359	4.170	9.4	22.1

185625 2008 CD_{167} 5 28.2 325°.10 5°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.86	− 7 22.4	1.717	2.557	15.1	19.4
5 1	16 40.56	− 7 2.0	1.622	2.532	12.2	19.1
5 11	16 34.84	− 6 48.7	1.547	2.508	9.0	18.9
5 21	16 27.24	− 6 46.2	1.495	2.484	6.4	18.6
5 31	16 18.61	− 6 57.7	1.469	2.461	6.2	18.6
6 10	16 10.05	− 7 25.1	1.467	2.439	8.9	18.7
6 20	16 2.61	− 8 8.2	1.489	2.418	12.5	18.8
6 30	15 57.19	− 9 5.8	1.532	2.397	16.0	19.0

181355 2006 RY_{42} 5 28.2 348°.95 2°.0/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.06	−25 36.5	1.441	2.281	17.5	20.8
5 1	16 45.12	−25 53.1	1.365	2.279	13.8	20.6
5 11	16 38.07	−26 2.2	1.308	2.278	9.3	20.3
5 21	16 28.64	−26 2.1	1.273	2.276	4.6	20.0
5 31	16 18.10	−25 52.4	1.264	2.275	2.3	19.9
6 10	16 7.96	−25 35.2	1.279	2.274	6.7	20.1
6 20	15 59.57	−25 14.6	1.318	2.274	11.4	20.4
6 30	15 53.95	−24 55.4	1.378	2.274	15.6	20.6

207434 2006 DR_{192} 5 28.2 4°.58 3°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.99	−26 54.5	1.297	2.139	18.9	20.3
5 1	16 47.06	−27 39.3	1.225	2.139	15.0	20.0
5 11	16 39.59	−28 16.9	1.171	2.139	10.4	19.8
5 21	16 29.37	−28 43.5	1.139	2.139	5.7	19.5
5 31	16 17.80	−28 56.5	1.131	2.140	3.7	19.4
6 10	16 6.66	−28 56.5	1.147	2.141	7.6	19.6
6 20	15 57.52	−28 47.5	1.186	2.143	12.4	19.9
6 30	15 51.55	−28 35.0	1.246	2.145	16.7	20.1

291251 2006 BM_{54} 5 28.2 4°.70 2°.9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 40.94	−35 5.4	3.934	4.710	8.5	20.7
5 1	16 36.97	−35 18.9	3.843	4.710	6.9	20.6
5 11	16 31.77	−35 25.3	3.775	4.711	5.2	20.5
5 21	16 25.70	−35 23.8	3.734	4.711	3.6	20.4
5 31	16 19.26	−35 14.3	3.721	4.712	2.9	20.3
6 10	16 12.98	−34 57.5	3.736	4.713	3.8	20.4
6 20	16 7.34	−34 35.1	3.779	4.714	5.4	20.5
6 30	16 2.76	−34 9.0	3.848	4.715	7.1	20.6

217219 2002 VH_{29} 5 28.2 208°.95 3°.7/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.90	−12 55.0	1.955	2.782	14.1	20.3
5 1	16 43.96	−12 23.6	1.870	2.778	11.0	20.1
5 11	16 36.78	−11 53.4	1.807	2.773	7.6	19.8
5 21	16 27.96	−11 26.9	1.770	2.767	4.5	19.6
5 31	16 18.39	−11 6.8	1.760	2.761	4.1	19.6
6 10	16 9.08	−10 55.6	1.777	2.754	7.1	19.8
6 20	16 0.97	−10 54.9	1.819	2.747	10.6	20.0
6 30	15 54.79	−11 5.5	1.884	2.740	13.9	20.2

172072 2002 AF_{81} 5 28.2 144°.52 3°.5/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.02	−10 58.8	2.524	3.344	11.5	20.4
5 1	16 40.38	−10 30.8	2.447	3.350	9.0	20.3
5 11	16 34.11	−10 5.2	2.395	3.356	6.3	20.1
5 21	16 26.72	− 9 44.1	2.368	3.361	4.0	20.0
5 31	16 18.88	− 9 29.7	2.370	3.366	3.8	20.0
6 10	16 11.30	− 9 23.4	2.400	3.371	6.0	20.1
6 20	16 4.63	− 9 26.2	2.456	3.375	8.6	20.3
6 30	15 59.40	− 9 38.3	2.536	3.380	11.1	20.5

61030 2000 KN_{55} 5 28.2 3°.43 2°.9/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.17	−17 20.0	1.084	1.955	19.8	18.7
5 1	16 42.61	−16 54.9	1.020	1.954	15.4	18.4
5 11	16 36.63	−16 27.6	0.974	1.953	10.3	18.2
5 21	16 28.07	−16 1.1	0.949	1.954	4.9	17.9
5 31	16 18.35	−15 39.2	0.945	1.956	3.7	17.8
6 10	16 9.19	−15 25.8	0.964	1.958	8.7	18.1
6 20	16 2.04	−15 23.9	1.004	1.962	14.0	18.4
6 30	15 57.95	−15 35.2	1.063	1.966	18.6	18.7

469964 2006 DX_{79} 5 28.2 54°.78 5°.8/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.02	−35 44.2	1.717	2.520	16.7	21.0
5 1	16 46.31	−36 20.8	1.648	2.531	13.7	20.8
5 11	16 38.63	−36 43.1	1.600	2.542	10.3	20.6
5 21	16 28.81	−36 47.2	1.574	2.554	7.2	20.4
5 31	16 18.09	−36 31.5	1.573	2.566	5.8	20.4
6 10	16 7.94	−35 58.1	1.598	2.578	7.4	20.5
6 20	15 59.58	−35 12.3	1.647	2.590	10.5	20.7
6 30	15 53.89	−34 20.7	1.719	2.603	13.6	20.9

110233 2001 SE_{229} 5 28.2 56°.85 3°.2/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.28	−29 11.9	2.047	2.858	14.1	19.0
5 1	16 44.42	−29 49.6	1.969	2.864	11.2	18.9
5 11	16 37.16	−30 20.0	1.914	2.871	7.9	18.7
5 21	16 28.15	−30 40.5	1.883	2.877	4.6	18.5
5 31	16 18.33	−30 50.0	1.879	2.884	3.3	18.4
6 10	16 8.84	−30 49.0	1.902	2.891	5.7	18.6
6 20	16 0.66	−30 40.2	1.952	2.898	9.0	18.8
6 30	15 54.58	−30 27.3	2.025	2.905	12.1	19.0

347356 2012 QK_{35} 5 28.2 223°.66 2°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.27	−31 45.6	2.728	3.514	11.6	22.9
5 1	16 44.69	−31 53.9	2.622	3.502	9.3	22.7
5 11	16 37.13	−31 53.5	2.540	3.488	6.7	22.5
5 21	16 28.10	−31 42.9	2.484	3.474	4.1	22.3
5 31	16 18.35	−31 21.6	2.456	3.459	2.9	22.2
6 10	16 8.77	−30 51.0	2.458	3.444	4.8	22.3
6 20	16 0.18	−30 13.8	2.488	3.428	7.6	22.5
6 30	15 53.26	−29 33.9	2.543	3.411	10.3	22.7

504481 2008 FA_{27} 5 28.2 68°.01 5°.2/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.04	−35 3.7	2.279	3.063	13.7	21.6
5 1	16 46.45	−36 5.6	2.208	3.078	11.2	21.5
5 11	16 38.45	−36 57.6	2.160	3.094	8.5	21.3
5 21	16 28.69	−37 35.9	2.136	3.110	6.1	21.2
5 31	16 18.13	−37 58.1	2.140	3.126	5.2	21.2
6 10	16 7.90	−38 4.6	2.171	3.142	6.5	21.3
6 20	15 59.01	−37 57.7	2.229	3.158	8.9	21.4
6 30	15 52.23	−37 42.0	2.310	3.174	11.4	21.6

93932 2000 WL_{165} 5 28.2 247°.47 3°.7/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.81	−10 35.8	2.008	2.830	13.9	19.5
5 1	16 44.71	−10 36.0	1.915	2.819	11.0	19.2
5 11	16 37.34	−10 41.3	1.845	2.808	7.7	19.0
5 21	16 28.25	−10 53.2	1.800	2.796	4.6	18.8
5 31	16 18.28	−11 13.1	1.783	2.784	4.1	18.7
6 10	16 8.46	−11 41.7	1.793	2.772	6.9	18.9
6 20	15 59.74	−12 18.7	1.829	2.760	10.5	19.1
6 30	15 52.93	−13 3.8	1.889	2.747	13.8	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
77071 2001 DE_{22}			5 28.2	45°.19	4°.4/27.4	18
	h m	° ′			°	m
4 21	16 49.76	−11 4.3	1.457	2.300	17.2	19.5
5 1	16 45.24	−10 58.5	1.388	2.304	13.5	19.3
5 11	16 37.92	−10 58.7	1.339	2.308	9.4	19.1
5 21	16 28.52	−11 7.1	1.314	2.312	5.5	18.9
5 31	16 18.21	−11 25.5	1.313	2.316	4.8	18.8
6 10	16 8.33	−11 54.7	1.338	2.321	8.2	19.0
6 20	16 0.07	−12 34.2	1.386	2.326	12.4	19.3
6 30	15 54.30	−13 23.1	1.455	2.331	16.1	19.5
174479 2003 AZ_{34}			5 28.2	195°.31	4°.0/26.8	18
4 21	16 46.58	− 9 27.5	2.265	3.086	12.6	19.7
5 1	16 41.83	− 9 13.8	2.184	3.086	9.9	19.5
5 11	16 35.21	− 9 4.5	2.125	3.085	7.0	19.3
5 21	16 27.25	− 9 1.6	2.092	3.084	4.6	19.1
5 31	16 18.70	− 9 7.0	2.086	3.082	4.3	19.1
6 10	16 10.38	− 9 21.6	2.109	3.081	6.6	19.3
6 20	16 3.06	− 9 45.7	2.157	3.079	9.5	19.4
6 30	15 57.35	−10 18.8	2.229	3.078	12.3	19.6
356837 2011 VV_{6}			5 28.2	284°.40	3°.4/27.1	18
4 21	16 45.74	−11 48.3	2.182	3.009	12.8	20.5
5 1	16 41.39	−11 36.7	2.090	2.997	10.0	20.3
5 11	16 35.05	−11 28.1	2.020	2.985	7.0	20.1
5 21	16 27.23	−11 24.3	1.976	2.973	4.1	19.9
5 31	16 18.69	−11 27.0	1.959	2.961	3.7	19.9
6 10	16 10.31	−11 37.6	1.970	2.949	6.4	20.0
6 20	16 2.91	−11 56.7	2.006	2.937	9.7	20.2
6 30	15 57.17	−12 24.5	2.066	2.925	12.7	20.4
372476 2009 SN_{200}			5 28.2	225°.74	1°.2/28.7	17
4 21	16 49.52	−25 23.1	1.895	2.717	14.6	22.0
5 1	16 44.75	−25 21.0	1.806	2.711	11.5	21.8
5 11	16 37.46	−25 11.7	1.738	2.705	7.7	21.5
5 21	16 28.31	−24 54.4	1.696	2.699	3.6	21.2
5 31	16 18.29	−24 29.7	1.680	2.693	1.6	21.1
6 10	16 8.55	−24 0.3	1.692	2.686	5.6	21.3
6 20	16 0.16	−23 29.5	1.730	2.679	9.7	21.6
6 30	15 53.95	−23 1.4	1.791	2.672	13.3	21.8
212041 2005 CZ_{56}			5 28.2	119°.95	2°.0/27.6	18
4 21	16 50.85	−18 6.2	1.615	2.451	16.1	20.8
5 1	16 45.78	−17 41.4	1.547	2.461	12.5	20.5
5 11	16 38.08	−17 14.0	1.500	2.472	8.2	20.3
5 21	16 28.52	−16 45.8	1.477	2.481	3.8	20.1
5 31	16 18.24	−16 19.4	1.481	2.491	2.6	20.0
6 10	16 8.48	−15 57.8	1.511	2.500	6.8	20.3
6 20	16 0.31	−15 43.8	1.566	2.509	11.0	20.6
6 30	15 54.51	−15 39.2	1.643	2.517	14.7	20.8
19704 Medlock			5 28.2	119°.60	0°.4/28.0	18
4 21	16 45.43	−20 38.7	2.567	3.385	11.4	18.8
5 1	16 40.76	−20 32.0	2.487	3.393	8.7	18.6
5 11	16 34.40	−20 22.6	2.432	3.400	5.7	18.4
5 21	16 26.87	−20 10.8	2.403	3.408	2.4	18.2
5 31	16 18.86	−19 57.7	2.402	3.415	1.1	18.1
6 10	16 11.12	−19 44.8	2.430	3.422	4.4	18.4
6 20	16 4.33	−19 34.0	2.486	3.429	7.5	18.6
6 30	15 59.04	−19 26.7	2.566	3.435	10.2	18.8
234534 2001 UB_{164}			5 28.2	304°.15	1°.7/27.8	17
4 21	16 47.58	−18 33.5	1.246	2.104	18.6	20.3
5 1	16 44.48	−18 26.5	1.160	2.087	14.6	20.0
5 11	16 38.00	−18 17.2	1.093	2.070	9.8	19.7
5 21	16 28.78	−18 6.7	1.048	2.054	4.4	19.4
5 31	16 18.06	−17 56.8	1.026	2.037	2.6	19.2
6 10	16 7.51	−17 50.6	1.027	2.022	8.1	19.5
6 20	15 58.68	−17 50.9	1.050	2.006	13.6	19.7
6 30	15 52.84	−18 0.6	1.093	1.992	18.5	19.9
336146 2008 QT_{31}			5 28.2	201°.77	4°.8/30.7	18
4 21	16 52.58	−37 42.6	2.628	3.392	12.5	21.8
5 1	16 46.66	−38 4.7	2.530	3.387	10.4	21.6
5 11	16 38.50	−38 15.0	2.455	3.382	8.0	21.5
5 21	16 28.71	−38 11.0	2.405	3.376	5.8	21.3
5 31	16 18.15	−37 51.1	2.383	3.369	4.8	21.2
6 10	16 7.86	−37 16.8	2.389	3.361	5.9	21.3
6 20	15 58.75	−36 31.1	2.423	3.353	8.2	21.4
6 30	15 51.58	−35 39.1	2.481	3.344	10.7	21.6
11357 1997 YX_{2}			5 28.2	123°.07	0°.6/28.5	18
4 21	16 46.92	−23 54.3	2.243	3.062	12.8	19.6
5 1	16 42.22	−23 50.9	2.163	3.067	9.9	19.5
5 11	16 35.51	−23 42.2	2.105	3.072	6.6	19.3
5 21	16 27.39	−23 28.2	2.073	3.077	2.9	19.0
5 31	16 18.67	−23 9.7	2.068	3.081	1.1	18.9
6 10	16 10.26	−22 48.8	2.092	3.086	4.7	19.2
6 20	16 2.98	−22 27.9	2.143	3.090	8.2	19.4
6 30	15 57.47	−22 9.7	2.218	3.094	11.3	19.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
2757 Crisser			5 28.2	188°.52	0°.2/28.4	18
	h m	° ′			°	m
4 21	16 45.51	−23 1.7	2.988	3.796	10.2	17.8
5 1	16 40.66	−22 54.8	2.896	3.795	7.9	17.7
5 11	16 34.28	−22 44.0	2.828	3.794	5.2	17.5
5 21	16 26.82	−22 29.5	2.788	3.792	2.3	17.3
5 31	16 18.89	−22 12.1	2.777	3.790	0.8	17.1
6 10	16 11.16	−21 53.1	2.796	3.787	3.8	17.4
6 20	16 4.23	−21 34.5	2.842	3.784	6.7	17.6
6 30	15 58.63	−21 18.1	2.915	3.781	9.2	17.7
213004 1992 SJ_{7}			5 28.2	263°.82	3°.0/27.2	18
4 21	16 49.15	−16 4.7	1.681	2.518	15.6	20.9
5 1	16 44.76	−15 34.6	1.585	2.499	12.2	20.6
5 11	16 37.68	−15 2.5	1.510	2.481	8.3	20.3
5 21	16 28.50	−14 30.7	1.459	2.461	4.3	20.1
5 31	16 18.21	−14 2.1	1.435	2.442	3.5	20.0
6 10	16 8.06	−13 40.4	1.436	2.422	7.5	20.1
6 20	15 59.22	−13 28.2	1.462	2.401	11.9	20.3
6 30	15 52.65	−13 27.9	1.510	2.381	15.9	20.5
472706 2015 FA_{42}			5 28.2	314°.09	3°.0/27.0	17
4 21	16 44.96	−15 39.4	1.828	2.668	14.4	21.0
5 1	16 41.13	−15 4.9	1.744	2.660	11.2	20.7
5 11	16 35.03	−14 29.1	1.681	2.652	7.5	20.5
5 21	16 27.26	−13 54.6	1.643	2.645	4.0	20.3
5 31	16 18.72	−13 24.4	1.631	2.638	3.5	20.2
6 10	16 10.45	−13 1.6	1.646	2.630	6.8	20.4
6 20	16 3.39	−12 48.7	1.685	2.624	10.6	20.6
6 30	15 58.31	−12 47.0	1.747	2.617	14.1	20.8
242754 2005 WD_{8}			5 28.2	235°.55	7°.5/ 1.4	18
4 21	16 53.97	−48 53.6	3.037	3.739	12.3	21.2
5 1	16 47.96	−49 37.0	2.934	3.725	10.8	21.1
5 11	16 39.50	−50 6.2	2.852	3.712	9.4	20.9
5 21	16 29.19	−50 17.2	2.793	3.698	8.1	20.8
5 31	16 17.97	−50 7.4	2.759	3.683	7.5	20.8
6 10	16 6.96	−49 36.9	2.752	3.669	7.9	20.8
6 20	15 57.19	−48 48.5	2.769	3.653	9.0	20.8
6 30	15 49.51	−47 46.9	2.811	3.638	10.6	20.9
74833 1999 TZ_{26}			5 28.2	199°.03	2°.8/29.1	17
4 21	16 53.07	−28 18.6	1.925	2.734	14.9	20.0
5 1	16 47.58	−28 43.0	1.836	2.731	11.8	19.8
5 11	16 39.40	−28 59.6	1.769	2.728	8.3	19.6
5 21	16 29.18	−29 6.1	1.727	2.724	4.5	19.4
5 31	16 17.98	−29 1.4	1.712	2.720	2.9	19.2
6 10	16 7.05	−28 46.6	1.724	2.715	5.9	19.4
6 20	15 57.54	−28 25.1	1.763	2.709	9.7	19.6
6 30	15 50.36	−28 1.2	1.825	2.703	13.3	19.8
257708 1999 XN_{80}			5 28.2	179°.53	1°.1/27.9	17
4 21	16 51.45	−18 48.6	2.105	2.923	13.5	22.3
5 1	16 45.80	−18 42.8	2.020	2.925	10.5	22.1
5 11	16 37.94	−18 34.9	1.959	2.927	6.9	21.9
5 21	16 28.46	−18 25.5	1.923	2.927	3.0	21.7
5 31	16 18.27	−18 15.7	1.916	2.927	1.7	21.6
6 10	16 8.38	−18 7.1	1.937	2.926	5.5	21.8
6 20	15 59.69	−18 1.8	1.985	2.924	9.2	22.0
6 30	15 52.93	−18 1.6	2.057	2.922	12.5	22.2
145695 3290 $T\text{-}3$			5 28.2	116°.83	10°.5/31.2	17
4 21	17 2.50	−47 43.8	2.108	2.830	16.4	20.2
5 1	16 55.87	−49 33.1	2.036	2.839	14.5	20.0
5 11	16 45.48	−51 6.1	1.984	2.849	12.6	19.9
5 21	16 32.01	−52 14.6	1.955	2.858	11.1	19.8
5 31	16 16.86	−52 52.3	1.950	2.867	10.5	19.8
6 10	16 1.91	−52 58.2	1.970	2.875	11.1	19.9
6 20	15 48.95	−52 36.1	2.012	2.884	12.5	20.0
6 30	15 39.31	−51 53.9	2.076	2.892	14.2	20.1
118379 1999 HC_{12}			5 28.3	67°.52	0°.1/28.8	05 C
4 21	16 24.01	−24 32.6	42.998	43.802	0.8	24.1
5 1	16 23.31	−24 31.9	42.911	43.808	0.6	24.1
5 11	16 22.54	−24 31.0	42.850	43.814	0.4	24.1
5 21	16 21.72	−24 29.8	42.818	43.820	0.2	24.0
5 31	16 20.87	−24 28.5	42.814	43.826	0.1	24.0
6 10	16 20.04	−24 27.0	42.840	43.832	0.3	24.0
6 20	16 19.24	−24 25.5	42.893	43.838	0.5	24.1
6 30	16 18.50	−24 24.0	42.974	43.844	0.7	24.1
47932 2000 GN_{171}			5 28.3	14°.44	0°.3/29.5	16 R
4 21	16 25.35	−29 14.3	28.211	29.001	1.2	20.9
5 1	16 24.35	−29 14.3	28.121	29.005	1.0	20.9
5 11	16 23.22	−29 13.6	28.056	29.008	0.7	20.9
5 21	16 22.01	−29 12.3	28.019	29.012	0.4	20.8
5 31	16 20.76	−29 10.3	28.010	29.016	0.3	20.8
6 10	16 19.53	−29 7.9	28.031	29.019	0.5	20.8
6 20	16 18.36	−29 5.1	28.080	29.023	0.8	20.9
6 30	16 17.30	−29 2.0	28.157	29.027	1.1	20.9

237266 2008 WX_{96} 5 28.3 245°.15 1°.2/27.8 17 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.72	−18 38.5	2.135	2.960	13.1	21.1
5 1	16 43.04	−18 29.4	2.040	2.949	10.2	20.9
5 11	16 36.20	−18 18.3	1.968	2.937	6.7	20.6
5 21	16 27.77	−18 6.0	1.921	2.926	3.0	20.4
5 31	16 18.54	−17 53.7	1.903	2.914	1.8	20.2
6 10	16 9.50	−17 43.2	1.912	2.902	5.5	20.5
6 20	16 1.53	−17 36.6	1.947	2.889	9.2	20.7
6 30	15 55.37	−17 35.6	2.007	2.876	12.6	20.9

239982 2001 RT_{117} 5 28.3 58°.96 2°.5/27.5 17

4 21	16 49.42	−18 1.1	1.300	2.153	18.3	20.4
5 1	16 45.35	−17 33.4	1.233	2.157	14.2	20.1
5 11	16 38.16	−17 2.6	1.186	2.161	9.4	19.9
5 21	16 28.68	−16 31.1	1.160	2.165	4.4	19.6
5 31	16 18.23	−16 2.2	1.159	2.169	3.1	19.5
6 10	16 8.33	−15 39.9	1.182	2.174	7.9	19.8
6 20	16 0.28	−15 27.3	1.229	2.178	12.7	20.1
6 30	15 55.03	−15 26.6	1.295	2.183	17.0	20.4

79827 1998 WU_{3} 5 28.3 264°.04 1°.2/28.6 18

4 21	16 51.03	−23 36.3	1.801	2.625	15.2	18.6
5 1	16 46.28	−23 56.8	1.701	2.608	12.0	18.4
5 11	16 38.74	−24 13.3	1.622	2.590	8.1	18.1
5 21	16 29.00	−24 24.3	1.568	2.572	3.8	17.8
5 31	16 18.05	−24 29.1	1.541	2.553	1.7	17.6
6 10	16 7.16	−24 28.3	1.540	2.534	6.0	17.8
6 20	15 57.56	−24 24.4	1.565	2.515	10.5	18.0
6 30	15 50.29	−24 20.7	1.613	2.495	14.5	18.2

9553 Colas 5 28.3 208°.10 1°.4/27.8 18

4 21	16 51.64	−19 34.6	1.611	2.445	16.3	18.1
5 1	16 46.69	−19 16.6	1.527	2.441	12.6	17.8
5 11	16 38.90	−18 54.6	1.465	2.436	8.4	17.5
5 21	16 29.00	−18 29.6	1.426	2.431	3.7	17.2
5 31	16 18.09	−18 3.6	1.414	2.426	2.1	17.1
6 10	16 7.52	−17 39.9	1.429	2.420	6.8	17.4
6 20	15 58.50	−17 21.7	1.468	2.413	11.4	17.6
6 30	15 51.96	−17 12.0	1.529	2.406	15.4	17.9

131174 2001 CW_{38} 5 28.3 103°.16 3°.8/27.3 18

4 21	16 49.65	−10 28.2	1.970	2.794	14.1	19.9
5 1	16 44.37	−10 26.1	1.900	2.805	11.0	19.7
5 11	16 36.95	−10 29.1	1.853	2.816	7.7	19.5
5 21	16 28.03	−10 38.6	1.831	2.827	4.6	19.4
5 31	16 18.50	−10 55.8	1.837	2.837	4.1	19.4
6 10	16 9.34	−11 21.2	1.869	2.848	6.7	19.5
6 20	16 1.42	−11 54.7	1.928	2.858	10.0	19.8
6 30	15 55.42	−12 35.6	2.011	2.868	13.1	20.0

168701 2000 GU_{159} 5 28.3 73°.78 0°.5/28.0 18

4 21	16 47.08	−22 7.1	1.953	2.782	14.0	20.0
5 1	16 42.47	−21 41.0	1.884	2.795	10.8	19.8
5 11	16 35.71	−21 9.4	1.838	2.809	7.0	19.6
5 21	16 27.48	−20 33.5	1.817	2.822	3.0	19.4
5 31	16 18.71	−19 55.7	1.823	2.836	1.3	19.3
6 10	16 10.41	−19 18.9	1.857	2.849	5.3	19.6
6 20	16 3.42	−18 46.5	1.916	2.863	9.1	19.8
6 30	15 58.39	−18 21.1	2.000	2.876	12.3	20.0

442073 2010 RA_{155} 5 28.3 304°.02 0°.3/28.1 18

4 21	16 45.10	−20 53.7	2.126	2.955	13.0	21.6
5 1	16 41.13	−20 52.9	2.026	2.937	10.1	21.3
5 11	16 35.03	−20 49.0	1.948	2.919	6.7	21.1
5 21	16 27.30	−20 42.2	1.896	2.902	2.9	20.8
5 31	16 18.74	−20 33.4	1.871	2.884	1.2	20.6
6 10	16 10.30	−20 24.2	1.874	2.867	5.2	20.9
6 20	16 2.89	−20 16.6	1.902	2.850	9.0	21.1
6 30	15 57.26	−20 12.9	1.954	2.833	12.5	21.3

420482 2012 EU_{5} 5 28.3 70°.46 3°.1/27.2 17

4 21	16 48.92	−16 12.5	1.474	2.320	16.9	21.4
5 1	16 44.44	−15 36.9	1.414	2.333	13.1	21.2
5 11	16 37.26	−15 0.2	1.373	2.346	8.7	20.9
5 21	16 28.20	−14 25.3	1.356	2.359	4.4	20.7
5 31	16 18.45	−13 55.7	1.365	2.372	3.7	20.7
6 10	16 9.29	−13 34.7	1.399	2.385	7.5	21.0
6 20	16 1.80	−13 24.8	1.457	2.399	11.7	21.2
6 30	15 56.75	−13 26.9	1.536	2.412	15.4	21.5

307058 2001 YN_{86} 5 28.3 142°.02 2°.7/27.5 18

4 21	16 52.52	−15 4.3	1.653	2.484	16.0	21.0
5 1	16 47.06	−14 56.5	1.582	2.493	12.4	20.8
5 11	16 38.97	−14 50.0	1.531	2.501	8.3	20.6
5 21	16 28.96	−14 46.1	1.506	2.508	4.2	20.4
5 31	16 18.15	−14 46.3	1.507	2.515	3.2	20.3
6 10	16 7.78	−14 52.3	1.535	2.521	7.0	20.6
6 20	15 58.96	−15 5.2	1.588	2.527	11.1	20.8
6 30	15 52.51	−15 25.9	1.663	2.533	14.7	21.0

499911 2011 GC_{63} 5 28.3 51°.08 5°.4/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.80	−31 54.7	1.648	2.461	16.9	20.6
5 1	16 47.87	−33 0.6	1.578	2.470	13.6	20.4
5 11	16 39.84	−33 56.9	1.529	2.480	10.0	20.2
5 21	16 29.45	−34 38.7	1.503	2.490	6.7	20.1
5 31	16 17.96	−35 2.6	1.502	2.500	5.4	20.0
6 10	16 6.90	−35 8.5	1.528	2.510	7.5	20.2
6 20	15 57.60	−35 0.1	1.577	2.520	10.9	20.4
6 30	15 51.06	−34 43.0	1.649	2.531	14.2	20.6

27682 1981 EC_{17} 5 28.3 36°.31 3°.4/29.3 18

4 21	16 50.55	−28 52.1	1.215	2.059	19.8	19.3
5 1	16 46.80	−29 5.9	1.148	2.063	15.7	19.0
5 11	16 39.42	−29 6.8	1.099	2.068	10.9	18.8
5 21	16 29.32	−28 52.4	1.072	2.072	5.9	18.5
5 31	16 18.03	−28 22.3	1.068	2.077	3.5	18.4
6 10	16 7.39	−27 40.5	1.087	2.083	7.5	18.6
6 20	15 58.96	−26 53.6	1.129	2.088	12.5	18.9
6 30	15 53.78	−26 9.0	1.191	2.094	17.0	19.2

474996 2005 TE_{134} 5 28.3 271°.06 3°.3/29.4 18

4 21	16 48.52	−30 15.4	2.366	3.167	12.7	21.4
5 1	16 43.72	−30 50.8	2.269	3.157	10.2	21.2
5 11	16 36.72	−31 19.3	2.194	3.147	7.3	21.0
5 21	16 28.04	−31 38.7	2.145	3.137	4.5	20.8
5 31	16 18.49	−31 47.6	2.124	3.126	3.3	20.7
6 10	16 9.08	−31 46.2	2.130	3.116	5.4	20.9
6 20	16 0.72	−31 36.7	2.163	3.106	8.4	21.0
6 30	15 54.20	−31 22.4	2.221	3.096	11.3	21.2

133139 2003 QR_{6} 5 28.3 294°.79 0°.9/28.5 18

4 21	16 48.70	−23 51.5	1.412	2.256	17.6	20.3
5 1	16 45.27	−23 55.6	1.312	2.231	13.9	20.0
5 11	16 38.55	−23 52.8	1.232	2.205	9.5	19.7
5 21	16 29.09	−23 42.0	1.175	2.180	4.3	19.3
5 31	16 18.04	−23 23.3	1.142	2.154	1.7	19.1
6 10	16 7.00	−22 59.1	1.133	2.129	7.2	19.3
6 20	15 57.51	−22 33.6	1.147	2.104	12.7	19.6
6 30	15 50.86	−22 12.1	1.182	2.079	17.6	19.8

377465 2004 XP_{80} 5 28.3 139°.20 0°.8/27.9 17

4 21	16 49.37	−19 24.1	2.588	3.398	11.5	21.6
5 1	16 43.70	−19 18.0	2.512	3.413	8.8	21.5
5 11	16 36.30	−19 9.8	2.460	3.427	5.8	21.3
5 21	16 27.72	−18 59.9	2.436	3.440	2.5	21.1
5 31	16 18.67	−18 49.4	2.441	3.453	1.3	21.0
6 10	16 9.96	−18 39.6	2.476	3.465	4.5	21.3
6 20	16 2.25	−18 32.1	2.539	3.476	7.6	21.5
6 30	15 56.11	−18 28.4	2.626	3.487	10.3	21.7

395535 2011 UM_{155} 5 28.3 237°.01 2°.7/26.5 18

4 21	16 44.88	−15 19.7	2.717	3.536	10.8	21.7
5 1	16 40.31	−14 28.5	2.618	3.523	8.4	21.5
5 11	16 34.14	−13 35.2	2.544	3.510	5.7	21.3
5 21	16 26.83	−12 42.0	2.498	3.496	3.2	21.1
5 31	16 19.00	−11 51.8	2.481	3.482	3.1	21.1
6 10	16 11.34	−11 7.5	2.492	3.468	5.5	21.2
6 20	16 4.50	−10 31.5	2.531	3.453	8.3	21.4
6 30	15 59.02	−10 5.4	2.595	3.438	10.9	21.5

177230 2003 UQ_{243} 5 28.3 236°.42 1°.6/28.8 17

4 21	16 51.83	−25 37.3	1.818	2.638	15.3	20.9
5 1	16 46.81	−25 47.4	1.723	2.626	12.0	20.7
5 11	16 39.02	−25 50.9	1.649	2.614	8.2	20.4
5 21	16 29.11	−25 46.1	1.600	2.602	4.0	20.2
5 31	16 18.10	−25 32.7	1.577	2.589	1.9	20.0
6 10	16 7.29	−25 12.5	1.582	2.576	6.0	20.2
6 20	15 57.86	−24 48.9	1.613	2.562	10.3	20.4
6 30	15 50.79	−24 26.1	1.666	2.547	14.2	20.6

72977 2002 CT_{236} 5 28.3 354°.47 3°.2/27.5 18

4 21	16 44.28	−14 22.5	1.369	2.227	17.2	18.4
5 1	16 41.34	−14 18.4	1.296	2.222	13.5	18.2
5 11	16 35.56	−14 17.2	1.242	2.218	9.1	17.9
5 21	16 27.63	−14 20.9	1.211	2.214	4.7	17.6
5 31	16 18.68	−14 31.3	1.204	2.212	3.7	17.6
6 10	16 10.07	−14 50.0	1.220	2.211	7.7	17.8
6 20	16 3.02	−15 17.4	1.260	2.211	12.3	18.1
6 30	15 58.49	−15 53.7	1.319	2.212	16.4	18.3

150044 2005 WX_{187} 5 28.3 91°.26 8°.2/25.4 17

4 21	16 47.35	− 1 44.6	1.803	2.623	15.3	19.2
5 1	16 42.68	− 0 47.3	1.744	2.634	12.7	19.1
5 11	16 35.87	− 0 0.6	1.707	2.645	10.1	18.9
5 21	16 27.58	+ 0 30.6	1.692	2.656	8.4	18.8
5 31	16 18.74	+ 0 42.4	1.703	2.667	8.5	18.9
6 10	16 10.34	+ 0 33.2	1.739	2.677	10.3	19.0
6 20	16 3.24	+ 0 3.8	1.798	2.688	12.8	19.2
6 30	15 58.08	− 0 43.2	1.877	2.698	15.3	19.4

437535 2013 YZ_{115} 5 28.3 256°.82 3°.0/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.67	−13 48.1	2.059	2.888	13.4	20.7
5 1	16 42.21	−13 31.6	1.972	2.881	10.4	20.5
5 11	16 35.65	−13 16.4	1.907	2.875	7.1	20.3
5 21	16 27.55	−13 4.4	1.868	2.867	3.9	20.1
5 31	16 18.72	−12 57.4	1.855	2.860	3.4	20.1
6 10	16 10.11	−12 57.2	1.871	2.853	6.3	20.2
6 20	16 2.58	−13 5.0	1.911	2.846	9.8	20.4
6 30	15 56.85	−13 21.5	1.976	2.838	13.0	20.6

253029 2002 RF_{261} 5 28.3 167°.68 1°.7/28.9 17

4 21	16 51.72	−27 19.2	1.991	2.802	14.4	21.5
5 1	16 46.25	−27 15.0	1.908	2.807	11.3	21.3
5 11	16 38.35	−27 2.0	1.848	2.810	7.7	21.1
5 21	16 28.70	−26 39.5	1.812	2.813	3.8	20.9
5 31	16 18.30	−26 8.1	1.805	2.816	1.9	20.8
6 10	16 8.31	−25 30.6	1.825	2.818	5.4	21.0
6 20	15 59.72	−24 50.8	1.872	2.819	9.2	21.2
6 30	15 53.30	−24 13.2	1.942	2.820	12.6	21.4

475116 2005 UT_{270} 5 28.3 291°.61 5°.3/24.9 16

4 21	16 43.37	− 9 48.5	2.197	3.027	12.6	21.6
5 1	16 39.51	− 8 33.4	2.107	3.012	10.1	21.4
5 11	16 33.80	− 7 18.6	2.040	2.998	7.4	21.2
5 21	16 26.73	− 6 8.6	1.999	2.983	5.5	21.0
5 31	16 19.04	− 5 7.8	1.985	2.969	5.8	21.0
6 10	16 11.55	− 4 20.5	1.997	2.954	8.0	21.1
6 20	16 5.00	− 3 49.0	2.035	2.940	10.9	21.3
6 30	16 0.05	− 3 34.3	2.095	2.926	13.6	21.4

478136 2011 UU_{131} 5 28.3 260°.35 0°.2/28.4 16

4 21	16 46.57	−22 57.2	2.469	3.285	11.8	22.4
5 1	16 41.97	−22 50.8	2.364	3.267	9.2	22.2
5 11	16 35.44	−22 39.8	2.282	3.249	6.1	21.9
5 21	16 27.46	−22 24.3	2.226	3.231	2.7	21.7
5 31	16 18.75	−22 5.0	2.199	3.212	1.0	21.5
6 10	16 10.17	−21 43.7	2.201	3.193	4.6	21.7
6 20	16 2.51	−21 22.7	2.229	3.174	8.1	21.9
6 30	15 56.44	−21 4.5	2.283	3.154	11.2	22.1

122898 2000 SU_{157} 5 28.3 213°.39 1°.8/29.0 18

4 21	16 49.47	−27 22.5	2.015	2.830	14.1	20.6
5 1	16 44.60	−27 20.9	1.925	2.826	11.1	20.4
5 11	16 37.33	−27 10.9	1.858	2.821	7.6	20.1
5 21	16 28.30	−26 51.5	1.816	2.817	3.8	19.9
5 31	16 18.46	−26 23.2	1.801	2.812	2.0	19.8
6 10	16 8.92	−25 48.6	1.814	2.807	5.4	20.0
6 20	16 0.69	−25 11.1	1.853	2.802	9.2	20.2
6 30	15 54.55	−24 35.2	1.916	2.796	12.6	20.4

425709 2011 BR_{19} 5 28.3 95°.03 3°.8/29.9 17

4 21	16 52.02	−32 12.1	1.820	2.627	15.8	20.8
5 1	16 46.71	−32 23.4	1.751	2.642	12.6	20.6
5 11	16 38.72	−32 22.3	1.704	2.657	9.0	20.4
5 21	16 28.85	−32 6.7	1.680	2.672	5.5	20.2
5 31	16 18.28	−31 36.6	1.682	2.686	3.8	20.1
6 10	16 8.30	−30 55.0	1.711	2.700	6.1	20.3
6 20	15 59.97	−30 6.6	1.766	2.714	9.6	20.5
6 30	15 54.08	−29 17.3	1.845	2.728	12.9	20.8

507890 2014 QB_{409} 5 28.3 262°.98 1°.9/27.6 17

4 21	16 50.89	−18 49.7	1.657	2.491	15.9	22.5
5 1	16 46.31	−18 22.4	1.555	2.468	12.5	22.3
5 11	16 38.86	−17 50.5	1.473	2.445	8.4	22.0
5 21	16 29.12	−17 15.2	1.416	2.420	3.9	21.6
5 31	16 18.11	−16 39.3	1.385	2.395	2.6	21.5
6 10	16 7.17	−16 6.4	1.380	2.370	7.2	21.7
6 20	15 57.57	−15 40.4	1.400	2.343	12.0	21.9
6 30	15 50.36	−15 24.8	1.442	2.316	16.3	22.1

408950 2002 EU_{98} 5 28.3 36°.82 5°.5/26.5 17

4 21	16 46.21	−14 39.3	1.024	1.897	20.6	20.0
5 1	16 43.04	−13 26.7	0.983	1.917	15.9	19.7
5 11	16 36.60	−12 14.7	0.961	1.938	10.8	19.5
5 21	16 27.96	−11 10.0	0.959	1.960	6.4	19.4
5 31	16 18.67	−10 19.4	0.980	1.983	6.1	19.4
6 10	16 10.32	− 9 47.9	1.023	2.007	10.0	19.7
6 20	16 4.12	− 9 37.3	1.086	2.031	14.4	20.0
6 30	16 0.83	− 9 46.7	1.168	2.056	18.3	20.3

519992 2013 TZ_{168} 5 28.3 155°.99 0°.9/28.6 17

4 21	16 50.60	−23 19.8	2.046	2.864	13.9	22.0
5 1	16 45.33	−23 36.3	1.965	2.868	10.8	21.8
5 11	16 37.74	−23 48.8	1.906	2.873	7.2	21.6
5 21	16 28.46	−23 56.2	1.873	2.876	3.3	21.4
5 31	16 18.42	−23 58.3	1.867	2.880	1.3	21.2
6 10	16 8.69	−23 56.3	1.890	2.883	5.2	21.5
6 20	16 0.22	−23 52.3	1.939	2.885	9.0	21.7
6 30	15 53.78	−23 49.0	2.012	2.888	12.3	22.0

306940 2001 UL_{110} 5 28.3 245°.76 0°.2/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.13	−21 46.3	1.584	2.417	16.5	21.8
5 1	16 47.38	−21 52.9	1.492	2.404	13.0	21.5
5 11	16 39.60	−21 55.4	1.421	2.392	8.7	21.2
5 21	16 29.44	−21 53.3	1.373	2.379	3.8	20.9
5 31	16 18.01	−21 46.5	1.352	2.365	1.4	20.7
6 10	16 6.76	−21 37.1	1.357	2.351	6.6	21.0
6 20	15 57.03	−21 27.9	1.386	2.336	11.5	21.3
6 30	15 49.90	−21 22.5	1.438	2.321	15.8	21.5

322459 2011 UF_{53} 5 28.3 262°.62 0°.4/28.1 18

4 21	16 47.12	−19 44.0	2.334	3.155	12.3	21.1
5 1	16 42.44	−19 55.3	2.239	3.146	9.5	20.9
5 11	16 35.77	−20 5.4	2.167	3.136	6.3	20.6
5 21	16 27.62	−20 14.0	2.121	3.126	2.7	20.4
5 31	16 18.73	−20 21.4	2.104	3.116	1.1	20.3
6 10	16 9.98	−20 28.4	2.114	3.106	4.8	20.5
6 20	16 2.20	−20 36.3	2.152	3.096	8.3	20.7
6 30	15 56.08	−20 46.6	2.214	3.086	11.5	20.9

349472 2008 CD_{212} 5 28.3 134°.49 3°.0/29.7 18

4 21	16 47.44	−31 25.7	2.312	3.113	13.0	20.6
5 1	16 42.77	−31 31.9	2.226	3.115	10.3	20.5
5 11	16 35.98	−31 28.3	2.163	3.116	7.4	20.3
5 21	16 27.68	−31 13.7	2.125	3.118	4.4	20.1
5 31	16 18.74	−30 48.1	2.114	3.119	3.0	20.0
6 10	16 10.11	−30 13.5	2.131	3.120	5.1	20.1
6 20	16 2.66	−29 33.4	2.175	3.121	8.1	20.3
6 30	15 57.07	−28 51.8	2.243	3.122	11.1	20.5

380824 2005 YL_{207} 5 28.3 55°.94 1°.0/27.9 17

4 21	16 48.01	−19 30.9	1.786	2.620	14.9	21.3
5 1	16 43.57	−19 25.2	1.708	2.622	11.5	21.1
5 11	16 36.69	−19 16.8	1.651	2.623	7.6	20.8
5 21	16 28.04	−19 6.5	1.619	2.625	3.3	20.6
5 31	16 18.60	−18 55.6	1.614	2.626	1.7	20.5
6 10	16 9.51	−18 46.0	1.636	2.628	5.9	20.7
6 20	16 1.77	−18 40.1	1.682	2.630	10.0	21.0
6 30	15 56.17	−18 40.1	1.752	2.631	13.6	21.2

238623 2005 CL_{12} 5 28.3 183°.25 5°.1/23.4 18

4 21	16 37.33	+ 7 26.8	4.894	5.654	7.2	20.6
5 1	16 33.84	+ 7 56.8	4.823	5.654	6.2	20.6
5 11	16 29.58	+ 8 19.7	4.776	5.654	5.5	20.5
5 21	16 24.82	+ 8 33.7	4.754	5.654	5.1	20.5
5 31	16 19.84	+ 8 37.6	4.758	5.653	5.3	20.5
6 10	16 14.97	+ 8 30.9	4.788	5.653	5.9	20.5
6 20	16 10.50	+ 8 13.5	4.843	5.652	6.7	20.6
6 30	16 6.70	+ 7 46.3	4.920	5.652	7.7	20.7

496341 2013 PN_{62} 5 28.3 200°.79 0°.8/27.9 17

4 21	16 49.94	−20 55.4	2.206	3.023	13.0	22.1
5 1	16 44.62	−20 30.5	2.115	3.019	10.1	21.9
5 11	16 37.18	−20 0.8	2.046	3.014	6.6	21.7
5 21	16 28.21	−19 27.4	2.004	3.009	2.9	21.4
5 31	16 18.55	−18 51.9	1.991	3.003	1.5	21.3
6 10	16 9.17	−18 17.3	2.006	2.996	5.3	21.5
6 20	16 0.92	−17 46.3	2.048	2.988	9.0	21.7
6 30	15 54.50	−17 22.0	2.115	2.980	12.2	21.9

192796 1999 UR_{56} 5 28.3 140°.93 0°.1/28.3 18

4 21	16 48.45	−23 44.3	2.196	3.013	13.0	20.3
5 1	16 43.38	−23 16.1	2.117	3.021	10.1	20.1
5 11	16 36.27	−22 41.3	2.061	3.029	6.6	19.9
5 21	16 27.78	−22 0.8	2.032	3.036	2.9	19.6
5 31	16 18.74	−21 16.5	2.030	3.043	1.1	19.5
6 10	16 10.10	−20 31.7	2.057	3.050	4.9	19.8
6 20	16 2.65	−19 49.7	2.112	3.056	8.5	20.0
6 30	15 57.04	−19 13.7	2.190	3.062	11.6	20.2

106571 2000 WB_{90} 5 28.3 196°.02 0°.6/28.6 18

4 21	16 45.88	−24 39.3	2.857	3.664	10.6	20.4
5 1	16 41.07	−24 28.9	2.764	3.662	8.2	20.2
5 11	16 34.64	−24 13.3	2.695	3.659	5.5	20.0
5 21	16 27.07	−23 52.7	2.653	3.656	2.5	19.8
5 31	16 19.00	−23 27.9	2.640	3.652	1.0	19.7
6 10	16 11.14	−23 0.8	2.656	3.649	4.0	19.9
6 20	16 4.14	−22 33.3	2.701	3.644	6.9	20.1
6 30	15 58.54	−22 8.1	2.771	3.640	9.5	20.2

363407 2003 QY_{1} 5 28.3 328°.66 4°.9/26.8 17

4 21	16 38.13	−15 39.7	0.987	1.875	20.0	20.5
5 1	16 37.88	−14 56.8	0.898	1.841	15.9	20.2
5 11	16 34.14	−14 9.3	0.826	1.808	11.0	19.8
5 21	16 27.38	−13 22.1	0.773	1.777	6.2	19.4
5 31	16 18.78	−12 41.7	0.740	1.748	5.6	19.2
6 10	16 10.11	−12 15.2	0.727	1.720	10.8	19.4
6 20	16 3.16	−12 8.2	0.732	1.694	16.8	19.6
6 30	15 59.45	−12 23.4	0.752	1.671	22.4	19.8

126170 2002 AV_7 5 28.3 167°.52 0°.7/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.98	−23 48.8	2.032	2.851	13.9	20.7
5 1	16 44.85	−23 49.6	1.950	2.854	10.8	20.5
5 11	16 37.43	−23 44.9	1.890	2.857	7.2	20.3
5 21	16 28.34	−23 34.3	1.855	2.859	3.2	20.0
5 31	16 18.53	−23 18.5	1.848	2.861	1.2	19.9
6 10	16 9.04	−22 59.5	1.869	2.862	5.2	20.2
6 20	16 0.83	−22 40.0	1.916	2.863	9.0	20.4
6 30	15 54.64	−22 23.1	1.988	2.864	12.4	20.6

500880 2013 JJ_{64} 5 28.3 304°.82 0°.2/27.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 23.79	−14 36.2	45.159	45.975	0.7	24.1
5 1	16 23.18	−14 34.0	45.069	45.973	0.6	24.1
5 11	16 22.50	−14 31.9	45.005	45.971	0.4	24.1
5 21	16 21.77	−14 29.9	44.970	45.969	0.2	24.0
5 31	16 21.02	−14 28.2	44.963	45.967	0.2	24.0
6 10	16 20.28	−14 26.7	44.985	45.965	0.3	24.1
6 20	16 19.58	−14 25.5	45.035	45.963	0.5	24.1
6 30	16 18.93	−14 24.8	45.111	45.961	0.7	24.1

390799 2004 FZ_{59} 5 28.3 196°.58 3°.7/26.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.40	−11 50.8	2.293	3.118	12.3	21.8
5 1	16 40.94	−11 13.4	2.211	3.117	9.6	21.6
5 11	16 34.67	−10 37.5	2.153	3.116	6.7	21.4
5 21	16 27.11	−10 5.7	2.120	3.114	4.3	21.3
5 31	16 19.01	− 9 40.6	2.115	3.112	4.1	21.3
6 10	16 11.15	− 9 24.6	2.137	3.110	6.5	21.4
6 20	16 4.28	− 9 18.9	2.186	3.108	9.4	21.6
6 30	15 58.99	− 9 24.1	2.258	3.106	12.2	21.8

416399 2003 UN_{117} 5 28.3 229°.10 1°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.81	−25 2.1	1.893	2.711	14.8	22.5
5 1	16 46.65	−25 0.8	1.797	2.700	11.6	22.2
5 11	16 38.86	−24 52.4	1.723	2.689	7.9	22.0
5 21	16 29.06	−24 36.0	1.673	2.676	3.6	21.7
5 31	16 18.25	−24 12.2	1.651	2.663	1.5	21.5
6 10	16 7.66	−23 43.2	1.656	2.650	5.7	21.8
6 20	15 58.41	−23 12.5	1.688	2.636	10.0	22.0
6 30	15 51.40	−22 44.5	1.743	2.621	13.8	22.2

482150 2010 TL_{23} 5 28.3 274°.59 0°.5/28.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.96	−23 25.8	2.476	3.292	11.8	22.3
5 1	16 41.55	−23 24.0	2.369	3.273	9.2	22.1
5 11	16 35.20	−23 17.7	2.287	3.253	6.1	21.8
5 21	16 27.41	−23 6.7	2.230	3.234	2.7	21.6
5 31	16 18.88	−22 51.7	2.201	3.214	1.0	21.4
6 10	16 10.46	−22 34.0	2.201	3.194	4.6	21.6
6 20	16 2.93	−22 16.0	2.228	3.174	8.0	21.8
6 30	15 56.99	−22 0.1	2.280	3.154	11.1	22.0

272647 2005 WW_{121} 5 28.3 189°.43 0°.7/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.86	−21 35.4	2.126	2.947	13.3	20.6
5 1	16 43.83	−21 5.0	2.040	2.946	10.3	20.4
5 11	16 36.68	−20 29.0	1.976	2.945	6.8	20.1
5 21	16 28.01	−19 48.5	1.939	2.943	2.9	19.9
5 31	16 18.69	−19 5.9	1.929	2.941	1.5	19.8
6 10	16 9.69	−18 24.2	1.948	2.939	5.3	20.0
6 20	16 1.88	−17 46.8	1.994	2.936	9.0	20.2
6 30	15 55.94	−17 16.6	2.063	2.932	12.3	20.4

3728 IRAS 5 28.3 142°.71 9°.8/22.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.15	+ 6 51.8	2.321	3.100	13.6	17.1
5 1	16 42.09	+ 8 15.8	2.267	3.111	11.9	17.0
5 11	16 35.29	+ 9 26.6	2.234	3.122	10.5	16.9
5 21	16 27.34	+10 18.8	2.225	3.132	9.8	16.9
5 31	16 18.96	+10 48.4	2.241	3.141	10.1	16.9
6 10	16 10.92	+10 53.9	2.281	3.150	11.2	17.0
6 20	16 3.92	+10 36.2	2.343	3.158	12.8	17.1
6 30	15 58.49	+ 9 57.8	2.425	3.166	14.4	17.2

182895 2002 DN_{18} 5 28.3 152°.04 3°.8/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.47	− 7 20.8	2.922	3.727	10.5	20.9
5 1	16 41.30	− 7 10.3	2.844	3.735	8.3	20.7
5 11	16 34.68	− 7 4.5	2.791	3.742	6.0	20.6
5 21	16 27.08	− 7 5.0	2.765	3.749	4.2	20.5
5 31	16 19.07	− 7 13.0	2.768	3.756	4.0	20.5
6 10	16 11.28	− 7 29.2	2.799	3.762	5.7	20.6
6 20	16 4.28	− 7 53.5	2.858	3.768	7.9	20.7
6 30	15 58.55	− 8 25.6	2.943	3.773	10.1	20.9

343064 2009 CP_{28} 5 28.3 167°.18 2°.5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.54	−14 50.6	2.326	3.149	12.2	21.4
5 1	16 41.81	−14 30.6	2.244	3.151	9.5	21.2
5 11	16 35.24	−14 11.0	2.186	3.153	6.4	21.0
5 21	16 27.37	−13 53.2	2.155	3.155	3.4	20.8
5 31	16 18.95	−13 39.1	2.151	3.157	2.8	20.8
6 10	16 10.79	−13 30.4	2.175	3.158	5.6	20.9
6 20	16 3.64	−13 28.5	2.227	3.159	8.7	21.1
6 30	15 58.09	−13 34.4	2.302	3.160	11.6	21.3

475224 2005 VC_{98} 5 28.3 220°.52 2°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.90	−27 41.0	2.754	3.554	11.2	21.9
5 1	16 42.85	−28 4.3	2.657	3.547	8.8	21.8
5 11	16 35.96	−28 22.3	2.583	3.540	6.1	21.6
5 21	16 27.72	−28 33.8	2.536	3.533	3.3	21.4
5 31	16 18.80	−28 38.0	2.518	3.526	2.1	21.3
6 10	16 10.03	−28 35.7	2.529	3.518	4.4	21.4
6 20	16 2.14	−28 28.5	2.567	3.510	7.2	21.6
6 30	15 55.79	−28 18.9	2.631	3.502	9.9	21.8

464037 2014 WB_{170} 5 28.3 170°.95 2°.9/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.11	−14 57.8	1.612	2.447	16.2	21.7
5 1	16 46.17	−14 45.3	1.536	2.449	12.6	21.4
5 11	16 38.53	−14 34.0	1.481	2.451	8.5	21.2
5 21	16 28.90	−14 25.4	1.450	2.452	4.3	20.9
5 31	16 18.37	−14 21.6	1.445	2.453	3.4	20.9
6 10	16 8.23	−14 24.5	1.467	2.453	7.2	21.1
6 20	15 59.59	−14 35.4	1.513	2.454	11.4	21.4
6 30	15 53.32	−14 55.2	1.581	2.454	15.2	21.6

336503 2008 WL_{83} 5 28.3 209°.50 1°.8/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.59	−17 6.5	2.433	3.252	11.9	22.3
5 1	16 42.62	−16 46.3	2.341	3.246	9.2	22.1
5 11	16 35.79	−16 24.6	2.272	3.239	6.1	21.9
5 21	16 27.63	−16 2.6	2.230	3.232	2.9	21.7
5 31	16 18.85	−15 42.1	2.216	3.225	2.2	21.6
6 10	16 10.27	−15 24.9	2.231	3.217	5.2	21.8
6 20	16 2.65	−15 13.1	2.273	3.208	8.5	22.0
6 30	15 56.61	−15 8.0	2.340	3.199	11.4	22.2

354672 2005 NT_{18} 5 28.3 298°.64 1°.5/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.02	−27 3.7	2.060	2.880	13.7	21.5
5 1	16 41.99	−26 56.3	1.963	2.867	10.8	21.2
5 11	16 35.68	−26 40.4	1.888	2.853	7.4	21.0
5 21	16 27.67	−26 15.6	1.838	2.839	3.6	20.7
5 31	16 18.83	−25 42.6	1.814	2.826	1.8	20.6
6 10	16 10.21	−25 3.9	1.818	2.812	5.2	20.8
6 20	16 2.76	−24 23.2	1.848	2.799	9.0	21.0
6 30	15 57.27	−23 44.7	1.902	2.786	12.5	21.2

466086 2012 BP_{88} 5 28.3 114°.18 2°.1/28.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.44	−26 47.4	1.666	2.487	16.4	22.4
5 1	16 47.98	−27 1.4	1.597	2.501	12.8	22.2
5 11	16 39.69	−27 7.1	1.549	2.513	8.7	21.9
5 21	16 29.38	−27 2.8	1.525	2.526	4.4	21.7
5 31	16 18.25	−26 48.3	1.527	2.538	2.3	21.6
6 10	16 7.67	−26 26.2	1.557	2.550	6.0	21.9
6 20	15 58.80	−26 0.2	1.611	2.561	10.2	22.1
6 30	15 52.49	−25 35.2	1.689	2.572	13.9	22.4

359656 2011 SA_{36} 5 28.3 197°.46 3°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.37	−33 42.1	3.258	4.031	10.2	22.1
5 1	16 43.76	−34 6.4	3.159	4.027	8.2	22.0
5 11	16 36.45	−34 23.1	3.084	4.022	6.1	21.8
5 21	16 27.91	−34 30.6	3.036	4.017	4.1	21.7
5 31	16 18.78	−34 27.9	3.017	4.011	3.2	21.6
6 10	16 9.80	−34 15.8	3.027	4.005	4.5	21.7
6 20	16 1.65	−33 56.2	3.065	3.998	6.6	21.8
6 30	15 54.92	−33 31.7	3.130	3.991	8.8	22.0

19035 4634 P–L 5 28.3 304°.21 3°.7/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.98	−27 32.9	1.286	2.131	18.9	18.1
5 1	16 46.01	−28 10.3	1.192	2.108	15.2	17.7
5 11	16 39.39	−28 40.6	1.117	2.085	10.8	17.4
5 21	16 29.64	−28 59.7	1.062	2.063	6.0	17.1
5 31	16 18.04	−29 4.5	1.031	2.040	3.9	16.9
6 10	16 6.39	−28 55.4	1.023	2.018	8.1	17.0
6 20	15 56.52	−28 36.0	1.037	1.997	13.4	17.3
6 30	15 49.89	−28 12.9	1.071	1.976	18.3	17.5

237066 2008 SW_{204} 5 28.3 197°.43 2°.5/27.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.36	−15 12.4	2.291	3.113	12.4	21.5
5 1	16 42.51	−14 45.3	2.205	3.111	9.6	21.3
5 11	16 35.75	−14 17.8	2.141	3.108	6.5	21.1
5 21	16 27.63	−13 51.6	2.105	3.105	3.4	20.9
5 31	16 18.90	−13 28.9	2.096	3.101	2.9	20.9
6 10	16 10.42	−13 11.8	2.115	3.097	5.8	21.0
6 20	16 2.95	−13 2.1	2.161	3.093	9.0	21.2
6 30	15 57.13	−13 1.0	2.231	3.088	12.0	21.4

294929 2008 DM_{45} 5 28.3 301°.00 3°.8/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.00	−31 36.4	2.230	3.032	13.4	20.1
5 1	16 43.52	−32 11.6	2.135	3.023	10.8	19.9
5 11	16 36.72	−32 38.7	2.063	3.013	7.9	19.7
5 21	16 28.15	−32 55.2	2.015	3.004	5.0	19.5
5 31	16 18.68	−32 59.5	1.994	2.994	3.9	19.4
6 10	16 9.37	−32 52.1	2.000	2.985	5.8	19.5
6 20	16 1.19	−32 35.5	2.032	2.976	8.8	19.7
6 30	15 54.99	−32 13.6	2.089	2.967	11.8	19.9

100981 1998 QK_{27} 5 28.3 308°.27 1°.5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.08	−25 28.4	1.406	2.251	17.6	19.7
5 1	16 43.95	−25 30.8	1.314	2.233	13.9	19.4
5 11	16 37.62	−25 24.5	1.242	2.214	9.5	19.1
5 21	16 28.73	−25 8.1	1.191	2.196	4.5	18.8
5 31	16 18.44	−24 42.0	1.165	2.178	2.0	18.6
6 10	16 8.32	−24 9.1	1.163	2.160	7.0	18.8
6 20	15 59.84	−23 34.2	1.185	2.143	12.2	19.1
6 30	15 54.15	−23 2.9	1.226	2.127	16.8	19.3

121475 1999 TK_{228} 5 28.3 316°.49 0°.1/28.3 18

4 21	16 48.55	−18 40.3	1.900	2.730	14.3	19.2
5 1	16 44.32	−19 21.0	1.792	2.703	11.2	18.9
5 11	16 37.52	−20 4.3	1.705	2.676	7.5	18.6
5 21	16 28.62	−20 49.2	1.644	2.649	3.3	18.3
5 31	16 18.47	−21 34.3	1.610	2.623	1.2	18.1
6 10	16 8.20	−22 18.6	1.603	2.597	5.8	18.4
6 20	15 58.96	−23 1.9	1.623	2.572	10.2	18.6
6 30	15 51.77	−23 44.8	1.665	2.547	14.1	18.7

149972 2005 TQ_{180} 5 28.3 183°.27 2°.1/27.2 18

4 21	16 44.85	−14 52.5	2.848	3.665	10.4	20.9
5 1	16 40.20	−14 32.7	2.762	3.665	8.0	20.7
5 11	16 34.05	−14 13.0	2.699	3.665	5.4	20.5
5 21	16 26.85	−13 54.7	2.664	3.664	2.9	20.3
5 31	16 19.21	−13 39.3	2.658	3.664	2.4	20.3
6 10	16 11.76	−13 28.4	2.681	3.662	4.8	20.5
6 20	16 5.10	−13 23.1	2.732	3.661	7.5	20.6
6 30	15 59.75	−13 24.4	2.807	3.659	9.9	20.8

326904 2003 WS_{120} 5 28.3 150°.45 0°.7/28.5 18

4 21	16 53.52	−23 8.5	2.047	2.859	14.0	21.6
5 1	16 47.52	−23 20.2	1.969	2.870	10.9	21.4
5 11	16 39.17	−23 27.5	1.914	2.879	7.2	21.2
5 21	16 29.13	−23 29.5	1.885	2.888	3.2	21.0
5 31	16 18.36	−23 26.3	1.884	2.896	1.2	20.9
6 10	16 7.98	−23 19.1	1.911	2.904	5.2	21.2
6 20	15 58.94	−23 10.5	1.966	2.910	9.0	21.4
6 30	15 52.00	−23 3.3	2.045	2.916	12.3	21.6

254155 2004 PA_{88} 5 28.3 287°.66 1°.0/27.9 18

4 21	16 45.06	−19 25.8	2.310	3.135	12.2	21.0
5 1	16 40.94	−19 12.9	2.207	3.117	9.5	20.8
5 11	16 34.86	−18 57.2	2.128	3.098	6.3	20.6
5 21	16 27.31	−18 39.6	2.075	3.080	2.8	20.3
5 31	16 19.03	−18 21.5	2.050	3.061	1.6	20.2
6 10	16 10.86	−18 4.7	2.052	3.043	5.1	20.4
6 20	16 3.62	−17 51.4	2.081	3.024	8.7	20.6
6 30	15 58.01	−17 43.6	2.134	3.006	11.9	20.8

147968 1994 TZ_{7} 5 28.3 250°.66 1°.5/28.9 18

4 21	16 46.93	−26 23.6	2.494	3.303	11.9	20.3
5 1	16 42.28	−26 32.9	2.395	3.293	9.4	20.1
5 11	16 35.68	−26 36.5	2.321	3.283	6.4	19.9
5 21	16 27.65	−26 33.6	2.272	3.272	3.2	19.7
5 31	16 18.91	−26 24.1	2.251	3.262	1.7	19.5
6 10	16 10.33	−26 9.4	2.259	3.251	4.5	19.7
6 20	16 2.71	−25 51.6	2.294	3.240	7.8	19.9
6 30	15 56.74	−25 33.5	2.354	3.229	10.8	20.1

262264 2006 SM_{342} 5 28.3 19°.70 0°.5/28.5 17

4 21	16 48.06	−24 35.5	1.434	2.278	17.4	20.4
5 1	16 44.24	−24 15.3	1.362	2.279	13.6	20.1
5 11	16 37.45	−23 45.7	1.309	2.281	9.0	19.9
5 21	16 28.50	−23 7.1	1.279	2.284	4.0	19.6
5 31	16 18.61	−22 22.0	1.273	2.287	1.4	19.4
6 10	16 9.24	−21 34.9	1.294	2.290	6.6	19.8
6 20	16 1.62	−20 50.9	1.337	2.293	11.3	20.0
6 30	15 56.64	−20 14.9	1.402	2.296	15.5	20.3

249594 1997 CK_{23} 5 28.3 181°.87 1°.6/28.9 17

4 21	16 52.60	−26 42.0	2.000	2.811	14.4	21.8
5 1	16 47.01	−26 42.8	1.914	2.812	11.3	21.6
5 11	16 38.95	−26 35.6	1.850	2.813	7.7	21.3
5 21	16 29.08	−26 19.5	1.812	2.813	3.8	21.1
5 31	16 18.40	−25 54.7	1.801	2.812	1.8	20.9
6 10	16 8.07	−25 23.7	1.818	2.811	5.4	21.2
6 20	15 59.11	−24 50.1	1.862	2.808	9.3	21.4
6 30	15 52.33	−24 18.0	1.929	2.805	12.7	21.6

368675 2005 QX_{22} 5 28.3 111°.18 2°.4/29.3 17

4 21	16 51.64	−28 38.1	1.810	2.625	15.5	21.2
5 1	16 46.42	−28 43.0	1.738	2.637	12.2	21.0
5 11	16 38.58	−28 38.0	1.687	2.649	8.4	20.8
5 21	16 28.90	−28 21.9	1.661	2.660	4.4	20.6
5 31	16 18.49	−27 54.9	1.661	2.671	2.6	20.5
6 10	16 8.59	−27 20.0	1.689	2.681	5.7	20.7
6 20	16 0.26	−26 41.4	1.742	2.692	9.6	21.0
6 30	15 54.29	−26 3.8	1.818	2.702	13.0	21.2

7320 Potter 5 28.3 139°.02 1°.7/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.51	−28 12.7	2.792	3.591	11.1	19.0
5 1	16 42.36	−28 15.4	2.711	3.601	8.7	18.8
5 11	16 35.51	−28 11.3	2.653	3.611	5.9	18.7
5 21	16 27.50	−28 0.0	2.622	3.620	3.1	18.5
5 31	16 19.01	−27 41.8	2.620	3.629	1.8	18.4
6 10	16 10.81	−27 18.3	2.647	3.638	4.1	18.6
6 20	16 3.57	−26 51.8	2.702	3.646	6.9	18.8
6 30	15 57.84	−26 25.1	2.782	3.654	9.4	19.0

237117 2008 TV_{170} 5 28.3 12°.80 0°.4/28.2 17

4 21	16 47.08	−20 36.1	1.693	2.532	15.4	20.6
5 1	16 43.05	−20 38.7	1.617	2.533	11.9	20.4
5 11	16 36.48	−20 38.3	1.562	2.535	7.9	20.1
5 21	16 28.06	−20 35.0	1.531	2.537	3.4	19.9
5 31	16 18.80	−20 29.8	1.526	2.539	1.4	19.7
6 10	16 9.90	−20 24.4	1.548	2.542	5.9	20.0
6 20	16 2.40	−20 21.1	1.594	2.545	10.2	20.3
6 30	15 57.14	−20 22.2	1.662	2.549	13.9	20.5

83559 2001 SR_{195} 5 28.3 158°.67 4°.5/26.1 18

4 21	16 45.19	− 9 24.0	2.375	3.197	12.1	19.5
5 1	16 40.68	− 8 39.4	2.299	3.200	9.5	19.4
5 11	16 34.47	− 7 57.7	2.246	3.203	6.9	19.2
5 21	16 27.07	− 7 21.8	2.219	3.206	4.8	19.1
5 31	16 19.18	− 6 54.7	2.219	3.208	4.8	19.1
6 10	16 11.56	− 6 38.5	2.247	3.211	6.8	19.2
6 20	16 4.90	− 6 34.3	2.301	3.213	9.5	19.4
6 30	15 59.74	− 6 42.2	2.378	3.215	12.0	19.5

21234 Nakashima 5 28.3 258°.21 0°.2/28.3 18

4 21	16 50.89	−19 44.5	2.089	2.908	13.6	18.8
5 1	16 45.76	−20 8.0	1.987	2.892	10.6	18.6
5 11	16 38.25	−20 31.1	1.907	2.875	7.1	18.3
5 21	16 28.87	−20 53.1	1.854	2.858	3.1	18.0
5 31	16 18.48	−21 13.4	1.828	2.841	1.2	17.8
6 10	16 8.12	−21 32.3	1.831	2.823	5.4	18.1
6 20	15 58.83	−21 50.7	1.860	2.805	9.4	18.3
6 30	15 51.47	−22 10.2	1.914	2.786	13.0	18.5

394326 2006 WL_{139} 5 28.3 250°.83 0°.5/28.1 18

4 21	16 47.37	−19 32.5	2.438	3.256	11.9	21.2
5 1	16 42.60	−19 40.5	2.340	3.245	9.2	21.0
5 11	16 35.90	−19 47.2	2.265	3.233	6.1	20.8
5 21	16 27.77	−19 52.4	2.216	3.221	2.6	20.6
5 31	16 18.91	−19 56.7	2.196	3.209	1.2	20.4
6 10	16 10.18	−20 1.0	2.205	3.196	4.7	20.6
6 20	16 2.36	−20 6.4	2.240	3.183	8.1	20.8
6 30	15 56.13	−20 14.5	2.301	3.170	11.2	21.0

502670 2015 CK_{53} 5 28.3 53°.74 6°.4/25.9 17

4 21	16 46.04	− 7 23.1	1.705	2.541	15.4	21.1
5 1	16 41.88	− 6 28.3	1.645	2.552	12.3	21.0
5 11	16 35.49	− 5 39.6	1.606	2.563	9.1	20.8
5 21	16 27.55	− 5 1.6	1.590	2.574	6.8	20.7
5 31	16 19.03	− 4 38.3	1.600	2.585	6.8	20.7
6 10	16 10.97	− 4 32.3	1.635	2.597	9.1	20.9
6 20	16 4.25	− 4 43.7	1.694	2.608	12.1	21.1
6 30	15 59.54	− 5 11.2	1.774	2.620	15.0	21.3

507562 2013 AE_{43} 5 28.3 65°.64 7°.2/25.9 18

4 21	16 45.83	+ 0 59.3	2.308	3.109	13.0	21.2
5 1	16 41.16	+ 1 26.7	2.242	3.117	10.8	21.1
5 11	16 34.77	+ 1 43.1	2.199	3.125	8.8	21.0
5 21	16 27.20	+ 1 45.1	2.180	3.134	7.4	20.9
5 31	16 19.17	+ 1 30.7	2.187	3.142	7.4	20.9
6 10	16 11.44	+ 0 59.4	2.219	3.150	8.8	21.0
6 20	16 4.70	+ 0 12.3	2.277	3.158	10.8	21.2
6 30	15 59.50	− 0 48.3	2.357	3.167	12.9	21.3

354159 2002 CK_{192} 5 28.3 180°.61 0°.8/27.9 18

4 21	16 45.85	−19 36.2	2.814	3.628	10.6	22.3
5 1	16 41.04	−19 24.3	2.726	3.629	8.2	22.1
5 11	16 34.65	−19 10.2	2.662	3.629	5.4	22.0
5 21	16 27.16	−18 54.4	2.625	3.629	2.3	21.8
5 31	16 19.19	−18 38.1	2.617	3.629	1.3	21.7
6 10	16 11.42	−18 22.7	2.639	3.628	4.2	21.9
6 20	16 4.50	−18 10.0	2.688	3.627	7.1	22.1
6 30	15 58.94	−18 1.4	2.763	3.626	9.7	22.2

351906 2006 SD_{317} 5 28.3 227°.45 3°.0/29.3 18

4 21	16 49.30	−29 20.3	2.313	3.116	12.9	21.3
5 1	16 44.34	−29 52.2	2.222	3.113	10.3	21.2
5 11	16 37.18	−30 17.3	2.154	3.109	7.3	21.0
5 21	16 28.36	−30 33.6	2.111	3.105	4.3	20.8
5 31	16 18.74	−30 39.9	2.096	3.101	3.0	20.7
6 10	16 9.30	−30 36.8	2.109	3.097	5.2	20.8
6 20	16 0.97	−30 26.4	2.149	3.093	8.4	21.0
6 30	15 54.52	−30 12.2	2.213	3.089	11.3	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
489862 2008 GJ_8			5 28.3	79°.90	5°.3/30.3	17
	h m	° ′			°	m
4 21	16 52.12	−36 5.6	2.351	3.130	13.5	21.6
5 1	16 46.55	−37 1.0	2.279	3.145	11.1	21.5
5 11	16 38.62	−37 45.8	2.230	3.160	8.5	21.3
5 21	16 28.97	−38 16.6	2.205	3.176	6.2	21.2
5 31	16 18.55	−38 31.2	2.207	3.191	5.3	21.2
6 10	16 8.46	−38 30.2	2.237	3.206	6.5	21.3
6 20	15 59.69	−38 16.3	2.292	3.221	8.7	21.4
6 30	15 52.98	−37 53.8	2.372	3.236	11.1	21.6
374950 2007 CG_6			5 28.3	238°.24	1°.0/28.7	17
4 21	16 51.28	−24 42.5	2.024	2.839	14.1	21.7
5 1	16 46.15	−24 46.5	1.924	2.825	11.1	21.5
5 11	16 38.54	−24 44.5	1.845	2.811	7.5	21.2
5 21	16 29.02	−24 35.6	1.793	2.796	3.5	20.9
5 31	16 18.51	−24 19.9	1.767	2.780	1.5	20.8
6 10	16 8.14	−23 59.2	1.770	2.763	5.5	21.0
6 20	15 58.99	−23 36.4	1.799	2.746	9.5	21.2
6 30	15 51.92	−23 15.2	1.852	2.729	13.2	21.4
266364 2007 ET_{52}			5 28.3	65°.44	0°.9/28.7	17
4 21	16 49.77	−24 44.8	1.607	2.440	16.3	20.9
5 1	16 45.13	−24 39.6	1.543	2.455	12.7	20.7
5 11	16 37.80	−24 26.9	1.500	2.470	8.4	20.5
5 21	16 28.61	−24 6.4	1.481	2.485	3.8	20.3
5 31	16 18.71	−23 39.6	1.488	2.501	1.5	20.1
6 10	16 9.40	−23 9.5	1.521	2.516	5.9	20.5
6 20	16 1.75	−22 40.1	1.579	2.532	10.1	20.8
6 30	15 56.52	−22 15.2	1.659	2.547	13.8	21.0
122911 2000 SX_{167}			5 28.3	135°.46	1°.1/27.8	18
4 21	16 49.38	−20 9.5	2.323	3.139	12.5	21.0
5 1	16 43.92	−19 37.7	2.249	3.153	9.6	20.8
5 11	16 36.59	−19 2.0	2.199	3.167	6.3	20.6
5 21	16 28.00	−18 23.8	2.176	3.180	2.8	20.4
5 31	16 18.94	−17 45.3	2.181	3.192	1.7	20.3
6 10	16 10.28	−17 9.2	2.216	3.204	5.0	20.6
6 20	16 2.75	−16 38.0	2.277	3.215	8.3	20.8
6 30	15 56.94	−16 14.1	2.364	3.225	11.2	21.0
50596 2000 EV_{47}			5 28.3	251°.43	0°.9/28.7	18
4 21	16 47.47	−24 41.1	2.143	2.962	13.3	18.1
5 1	16 42.96	−24 39.0	2.051	2.956	10.4	17.9
5 11	16 36.27	−24 31.0	1.982	2.949	6.9	17.6
5 21	16 27.98	−24 16.6	1.938	2.942	3.2	17.4
5 31	16 18.92	−23 56.5	1.922	2.935	1.3	17.2
6 10	16 10.11	−23 32.8	1.934	2.928	5.0	17.5
6 20	16 2.42	−23 8.3	1.972	2.920	8.7	17.7
6 30	15 56.61	−22 46.1	2.034	2.913	12.0	17.9
152826 1999 UU_{56}			5 28.3	140°.75	2°.7/26.7	18
4 21	16 44.19	−14 25.8	2.621	3.443	11.0	20.3
5 1	16 39.79	−13 44.8	2.542	3.448	8.5	20.1
5 11	16 33.84	−13 3.4	2.488	3.453	5.8	19.9
5 21	16 26.82	−12 23.9	2.460	3.458	3.3	19.8
5 31	16 19.38	−11 48.6	2.460	3.462	3.1	19.8
6 10	16 12.20	−11 19.8	2.489	3.466	5.4	19.9
6 20	16 5.89	−10 59.3	2.545	3.470	8.1	20.1
6 30	16 0.96	−10 48.0	2.625	3.474	10.6	20.3
380682 2005 GK_{98}			5 28.3	77°.20	3°.7/30.2	18
4 21	16 50.74	−33 10.1	2.006	2.806	14.7	20.2
5 1	16 45.50	−33 15.6	1.940	2.826	11.8	20.0
5 11	16 37.86	−33 8.7	1.895	2.845	8.5	19.8
5 21	16 28.59	−32 47.9	1.875	2.865	5.3	19.7
5 31	16 18.75	−32 13.4	1.882	2.884	3.8	19.6
6 10	16 9.48	−31 28.3	1.916	2.904	5.7	19.8
6 20	16 1.73	−30 37.1	1.976	2.923	8.8	20.0
6 30	15 56.18	−29 45.1	2.060	2.942	11.8	20.2
78642 2002 TY_{39}			5 28.3	192°.85	1°.0/27.9	18
4 21	16 47.10	−19 15.9	2.452	3.271	11.8	20.1
5 1	16 42.26	−19 3.1	2.364	3.269	9.1	20.0
5 11	16 35.60	−18 47.9	2.299	3.268	6.0	19.8
5 21	16 27.63	−18 31.1	2.261	3.265	2.7	19.5
5 31	16 19.08	−18 13.9	2.251	3.263	1.5	19.4
6 10	16 10.76	−17 58.1	2.270	3.260	4.8	19.7
6 20	16 3.40	−17 45.6	2.317	3.257	8.1	19.9
6 30	15 57.62	−17 38.2	2.387	3.253	11.0	20.0
146148 2000 SN_{132}			5 28.3	139°.02	6°.4/ 1.1	18
4 21	16 51.92	−43 21.5	2.618	3.361	13.1	19.4
5 1	16 46.31	−43 47.4	2.535	3.367	11.1	19.2
5 11	16 38.40	−43 58.5	2.473	3.374	9.1	19.1
5 21	16 28.86	−43 52.0	2.435	3.380	7.2	19.0
5 31	16 18.65	−43 26.3	2.423	3.386	6.4	19.0
6 10	16 8.85	−42 43.1	2.438	3.392	6.9	19.0
6 20	16 0.40	−41 46.0	2.479	3.397	8.6	19.1
6 30	15 54.02	−40 40.5	2.545	3.402	10.7	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
150614 2000 YA_{42}			5 28.3	102°.60	4°.0/26.9	18
	h m	° ′			°	m
4 21	16 45.89	− 8 35.1	2.422	3.240	12.0	20.1
5 1	16 41.23	− 8 23.0	2.346	3.245	9.5	19.9
5 11	16 34.86	− 8 15.8	2.292	3.250	6.8	19.8
5 21	16 27.29	− 8 15.3	2.265	3.254	4.5	19.6
5 31	16 19.22	− 8 23.1	2.266	3.259	4.3	19.6
6 10	16 11.40	− 8 40.1	2.294	3.264	6.3	19.8
6 20	16 4.51	− 9 6.1	2.349	3.268	9.0	19.9
6 30	15 59.11	− 9 40.7	2.428	3.273	11.5	20.1
307976 2004 PO_{43}			5 28.3	273°.84	2°.1/29.0	17
4 21	16 50.51	−27 19.9	1.413	2.249	18.0	20.9
5 1	16 46.59	−27 17.4	1.326	2.238	14.3	20.7
5 11	16 39.35	−27 3.7	1.259	2.227	9.8	20.4
5 21	16 29.52	−26 37.1	1.214	2.216	4.9	20.1
5 31	16 18.38	−25 57.9	1.193	2.205	2.4	19.9
6 10	16 7.56	−25 10.0	1.198	2.194	7.0	20.1
6 20	15 58.53	−24 19.3	1.226	2.182	12.0	20.4
6 30	15 52.41	−23 32.5	1.275	2.171	16.6	20.6
309134 2006 XB_{35}			5 28.3	97°.93	0°.6/28.5	17
4 21	16 51.04	−21 8.7	2.504	3.312	11.9	20.5
5 1	16 45.25	−21 48.9	2.427	3.326	9.2	20.3
5 11	16 37.55	−22 27.8	2.374	3.339	6.1	20.2
5 21	16 28.49	−23 4.1	2.349	3.352	2.7	20.0
5 31	16 18.80	−23 36.8	2.352	3.365	1.1	19.9
6 10	16 9.37	−24 5.6	2.386	3.378	4.4	20.1
6 20	16 0.96	−24 31.2	2.448	3.391	7.6	20.3
6 30	15 54.21	−24 55.0	2.535	3.403	10.4	20.5
368913 2006 TG_{104}			5 28.3	255°.20	0°.8/28.6	17
4 21	16 51.40	−23 42.0	1.847	2.669	15.0	22.3
5 1	16 46.55	−23 48.6	1.745	2.651	11.8	22.0
5 11	16 39.00	−23 50.0	1.665	2.633	7.9	21.8
5 21	16 29.31	−23 45.1	1.610	2.614	3.6	21.5
5 31	16 18.46	−23 33.9	1.581	2.594	1.4	21.3
6 10	16 7.70	−23 18.2	1.580	2.574	5.9	21.5
6 20	15 58.21	−23 0.7	1.605	2.553	10.3	21.7
6 30	15 50.99	−22 45.3	1.652	2.532	14.3	21.9
405026 2001 QU_{207}			5 28.3	278°.39	5°.9/29.7	17
4 21	16 53.78	−33 2.8	1.488	2.304	18.2	21.4
5 1	16 49.65	−33 47.2	1.385	2.279	15.0	21.1
5 11	16 41.81	−34 20.7	1.301	2.253	11.3	20.8
5 21	16 30.79	−34 37.5	1.239	2.227	7.6	20.5
5 31	16 17.85	−34 33.0	1.201	2.201	6.0	20.4
6 10	16 4.81	−34 6.7	1.187	2.174	8.6	20.4
6 20	15 53.48	−33 23.3	1.197	2.146	13.0	20.6
6 30	15 45.36	−32 31.0	1.228	2.119	17.5	20.8
71152 1999 XM_{189}			5 28.3	156°.23	2°.3/29.3	18
4 21	16 49.82	−28 41.0	2.224	3.030	13.3	20.0
5 1	16 44.68	−28 49.6	2.141	3.035	10.5	19.8
5 11	16 37.34	−28 50.0	2.080	3.039	7.3	19.6
5 21	16 28.43	−28 41.2	2.045	3.043	3.9	19.4
5 31	16 18.84	−28 23.1	2.038	3.046	2.4	19.3
6 10	16 9.58	−27 57.6	2.058	3.049	5.0	19.5
6 20	16 1.53	−27 27.8	2.106	3.052	8.4	19.7
6 30	15 55.42	−26 57.3	2.177	3.055	11.4	19.9
39147 2000 WU_{92}			5 28.3	14°.00	0°.1/28.3	18
4 21	16 44.90	−23 3.1	2.035	2.865	13.5	18.7
5 1	16 40.96	−22 45.3	1.956	2.866	10.4	18.5
5 11	16 34.92	−22 21.7	1.898	2.869	6.9	18.3
5 21	16 27.40	−21 53.1	1.866	2.871	3.0	18.0
5 31	16 19.24	−21 21.1	1.861	2.874	1.1	17.9
6 10	16 11.42	−20 48.7	1.883	2.877	5.1	18.2
6 20	16 4.77	−20 18.6	1.931	2.881	8.8	18.4
6 30	15 59.97	−19 54.0	2.003	2.885	12.1	18.6
506983 2008 SK_{184}			5 28.3	240°.34	3°.3/29.3	18
4 21	16 52.88	−29 51.0	2.383	3.176	12.9	22.1
5 1	16 47.26	−30 31.6	2.276	3.160	10.3	21.8
5 11	16 39.25	−31 6.1	2.193	3.144	7.4	21.6
5 21	16 29.37	−31 31.8	2.136	3.127	4.5	21.4
5 31	16 18.47	−31 46.6	2.107	3.110	3.4	21.3
6 10	16 7.59	−31 50.4	2.107	3.092	5.5	21.4
6 20	15 57.74	−31 45.1	2.134	3.073	8.7	21.6
6 30	15 49.81	−31 34.1	2.186	3.054	11.8	21.7
4709 Ennomos			5 28.3	277°.39	0°.6/28.9	18 R
4 21	16 39.55	−26 49.2	4.453	5.251	7.2	16.0
5 1	16 35.74	−26 22.6	4.357	5.249	5.6	15.8
5 11	16 30.97	−25 51.2	4.286	5.247	3.8	15.7
5 21	16 25.57	−25 15.7	4.244	5.246	1.8	15.6
5 31	16 19.92	−24 37.0	4.232	5.244	0.8	15.5
6 10	16 14.43	−23 56.5	4.250	5.243	2.6	15.6
6 20	16 9.45	−23 15.9	4.298	5.241	4.6	15.8
6 30	16 5.33	−22 36.8	4.372	5.239	6.3	15.9

332106 2005 US_{253} 5 28.3 272°.48 2°.1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.42	−27 32.4	1.775	2.598	15.4	21.2
5 1	16 45.13	−27 33.7	1.679	2.583	12.3	20.9
5 11	16 38.08	−27 25.9	1.604	2.569	8.5	20.7
5 21	16 28.91	−27 7.3	1.553	2.554	4.3	20.4
5 31	16 18.66	−26 38.2	1.528	2.539	2.3	20.2
6 10	16 8.61	−26 1.1	1.529	2.523	6.0	20.4
6 20	15 59.96	−25 20.2	1.556	2.508	10.3	20.6
6 30	15 53.67	−24 40.7	1.605	2.493	14.2	20.8

395440 2011 SS_{226} 5 28.3 293°.19 4°.7/30.2 17

4 21	16 48.98	−34 20.4	2.148	2.944	14.0	21.3
5 1	16 44.44	−34 51.6	2.057	2.937	11.5	21.1
5 11	16 37.43	−35 12.1	1.987	2.931	8.6	20.9
5 21	16 28.57	−35 19.1	1.942	2.924	5.9	20.7
5 31	16 18.80	−35 10.9	1.923	2.918	4.7	20.6
6 10	16 9.26	−34 48.7	1.930	2.911	6.3	20.7
6 20	16 1.00	−34 15.6	1.963	2.905	9.2	20.9
6 30	15 54.86	−33 36.6	2.020	2.899	12.1	21.1

509871 2009 BX_2 5 28.3 244°.94 5°.0/25.9 18

4 21	16 48.65	− 5 54.8	2.676	3.479	11.4	22.5
5 1	16 43.37	− 5 20.8	2.570	3.456	9.2	22.4
5 11	16 36.35	− 4 51.1	2.487	3.432	7.0	22.2
5 21	16 28.02	− 4 28.5	2.431	3.408	5.3	22.0
5 31	16 19.00	− 4 15.7	2.403	3.382	5.3	22.0
6 10	16 10.05	− 4 14.5	2.404	3.356	7.1	22.1
6 20	16 1.84	− 4 25.6	2.432	3.328	9.6	22.2
6 30	15 55.02	− 4 49.0	2.483	3.300	12.1	22.3

31919 Carragher 5 28.3 306°.79 0°.2/28.4 18

4 21	16 47.79	−21 58.9	1.245	2.100	18.8	18.4
5 1	16 44.88	−22 3.4	1.157	2.082	14.8	18.1
5 11	16 38.51	−22 2.9	1.088	2.064	10.0	17.8
5 21	16 29.29	−21 56.8	1.041	2.046	4.4	17.4
5 31	16 18.49	−21 45.6	1.016	2.029	1.6	17.2
6 10	16 7.81	−21 31.8	1.015	2.012	7.6	17.5
6 20	15 58.89	−21 19.4	1.036	1.996	13.3	17.8
6 30	15 53.03	−21 12.7	1.076	1.980	18.3	18.0

142313 2002 RD_{165} 5 28.3 201°.91 1°.2/27.9 17

4 21	16 50.56	−19 36.2	2.067	2.887	13.6	22.1
5 1	16 45.31	−19 16.6	1.977	2.883	10.6	21.8
5 11	16 37.82	−18 53.6	1.910	2.879	7.0	21.6
5 21	16 28.68	−18 27.9	1.869	2.873	3.1	21.4
5 31	16 18.78	−18 1.3	1.856	2.867	1.8	21.3
6 10	16 9.14	−17 36.4	1.871	2.861	5.6	21.5
6 20	16 0.69	−17 15.9	1.913	2.853	9.4	21.7
6 30	15 54.18	−17 2.1	1.978	2.845	12.8	21.9

271840 2004 TE_{206} 5 28.3 286°.18 1°.9/27.5 17

4 21	16 46.88	−19 20.8	1.805	2.641	14.7	20.0
5 1	16 42.96	−18 43.1	1.705	2.620	11.5	19.8
5 11	16 36.55	−17 59.7	1.626	2.598	7.7	19.5
5 21	16 28.23	−17 12.6	1.573	2.577	3.6	19.2
5 31	16 18.92	−16 24.9	1.545	2.556	2.5	19.1
6 10	16 9.75	−15 40.6	1.545	2.534	6.6	19.3
6 20	16 1.80	−15 3.7	1.569	2.512	10.9	19.5
6 30	15 55.94	−14 37.6	1.616	2.491	14.8	19.7

334876 2003 UQ_{229} 5 28.3 186°.20 0°.4/28.6 18

4 21	16 48.36	−24 13.0	2.416	3.228	12.2	21.9
5 1	16 43.32	−23 59.8	2.327	3.227	9.5	21.7
5 11	16 36.34	−23 40.7	2.261	3.227	6.3	21.5
5 21	16 28.00	−23 16.1	2.222	3.226	2.8	21.3
5 31	16 19.05	−22 46.9	2.211	3.224	1.0	21.1
6 10	16 10.38	−22 15.4	2.229	3.222	4.5	21.4
6 20	16 2.75	−21 44.3	2.275	3.220	7.9	21.6
6 30	15 56.81	−21 16.6	2.345	3.217	10.9	21.8

356843 2011 WJ_2 5 28.3 210°.55 7°.3/23.5 18

4 21	16 44.36	+ 5 13.5	3.091	3.865	10.6	21.9
5 1	16 39.73	+ 6 7.5	3.011	3.858	9.2	21.7
5 11	16 33.75	+ 6 52.1	2.955	3.850	8.0	21.6
5 21	16 26.83	+ 7 24.2	2.924	3.841	7.3	21.6
5 31	16 19.48	+ 7 40.7	2.919	3.832	7.5	21.6
6 10	16 12.29	+ 7 40.4	2.940	3.823	8.6	21.6
6 20	16 5.79	+ 7 23.4	2.985	3.813	10.0	21.7
6 30	16 0.43	+ 6 51.0	3.052	3.802	11.6	21.8

418189 2008 CN_{16} 5 28.3 180°.93 1°.7/27.6 17

4 21	16 51.46	−17 54.3	2.227	3.042	13.0	22.8
5 1	16 45.75	−17 32.0	2.141	3.044	10.0	22.6
5 11	16 37.98	−17 7.5	2.078	3.045	6.7	22.4
5 21	16 28.72	−16 41.9	2.042	3.045	3.1	22.2
5 31	16 18.81	−16 17.0	2.035	3.044	2.1	22.1
6 10	16 9.19	−15 55.3	2.056	3.043	5.5	22.3
6 20	16 0.71	−15 38.8	2.105	3.040	9.0	22.5
6 30	15 54.04	−15 29.6	2.178	3.037	12.2	22.7

383961 2008 TD_{36} 5 28.3 188°.02 2°.0/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.78	−27 38.0	2.096	2.908	13.8	22.0
5 1	16 44.83	−27 44.6	2.010	2.907	10.9	21.8
5 11	16 37.55	−27 43.5	1.945	2.907	7.5	21.6
5 21	16 28.58	−27 33.5	1.906	2.906	3.9	21.4
5 31	16 18.85	−27 14.6	1.894	2.905	2.1	21.3
6 10	16 9.41	−26 48.8	1.911	2.903	5.2	21.5
6 20	16 1.24	−26 19.2	1.953	2.901	8.8	21.7
6 30	15 55.08	−25 49.9	2.020	2.899	12.1	21.9

429644 2011 FV_{147} 5 28.3 348°.89 1°.2/28.5 17

4 21	16 46.56	−21 19.8	1.341	2.194	17.8	20.1
5 1	16 43.58	−22 6.1	1.262	2.185	14.0	19.8
5 11	16 37.43	−22 52.4	1.203	2.178	9.4	19.5
5 21	16 28.75	−23 36.3	1.166	2.171	4.3	19.2
5 31	16 18.74	−24 15.6	1.153	2.166	1.8	19.0
6 10	16 8.96	−24 49.7	1.164	2.162	6.9	19.3
6 20	16 0.83	−25 19.1	1.199	2.159	11.9	19.6
6 30	15 55.51	−25 46.4	1.254	2.157	16.3	19.8

217750 2000 EE_{138} 5 28.3 298°.84 6°.2/30.0 18

4 21	16 50.80	−34 9.7	1.560	2.375	17.6	20.1
5 1	16 46.99	−34 58.0	1.468	2.359	14.5	19.8
5 11	16 39.80	−35 34.6	1.394	2.343	11.0	19.6
5 21	16 29.84	−35 54.1	1.343	2.327	7.6	19.3
5 31	16 18.35	−35 52.9	1.316	2.312	6.2	19.2
6 10	16 6.99	−35 31.0	1.313	2.296	8.3	19.3
6 20	15 57.35	−34 52.9	1.334	2.281	12.1	19.4
6 30	15 50.68	−34 5.9	1.375	2.267	15.9	19.6

126199 2002 AB_{37} 5 28.3 197°.30 2°.0/27.5 18

4 21	16 48.79	−17 16.7	2.032	2.858	13.6	20.5
5 1	16 43.94	−16 54.2	1.947	2.856	10.6	20.3
5 11	16 36.91	−16 29.8	1.885	2.854	7.0	20.1
5 21	16 28.30	−16 5.2	1.848	2.851	3.4	19.8
5 31	16 18.98	−15 42.3	1.839	2.848	2.5	19.8
6 10	16 9.93	−15 23.7	1.858	2.845	5.9	20.0
6 20	16 2.06	−15 11.5	1.902	2.841	9.6	20.2
6 30	15 56.07	−15 7.4	1.970	2.837	12.9	20.4

355191 2006 WS_{188} 5 28.3 107°.31 0°.9/28.8 18

4 21	16 46.30	−26 5.4	2.337	3.152	12.4	21.4
5 1	16 41.78	−25 46.1	2.254	3.156	9.7	21.2
5 11	16 35.34	−25 19.5	2.194	3.160	6.5	21.0
5 21	16 27.57	−24 45.8	2.161	3.163	3.0	20.8
5 31	16 19.26	−24 6.4	2.155	3.167	1.2	20.6
6 10	16 11.27	−23 24.1	2.177	3.171	4.5	20.9
6 20	16 4.37	−22 42.2	2.227	3.174	7.9	21.1
6 30	15 59.18	−22 3.8	2.301	3.178	10.9	21.3

504614 2008 UG_{264} 5 28.3 274°.70 1°.6/29.0 17

4 21	16 48.17	−27 5.8	1.891	2.713	14.7	21.5
5 1	16 43.83	−26 57.7	1.804	2.708	11.5	21.3
5 11	16 37.02	−26 40.6	1.738	2.704	7.9	21.0
5 21	16 28.40	−26 14.0	1.697	2.699	3.9	20.8
5 31	16 18.95	−25 38.6	1.683	2.694	1.8	20.6
6 10	16 9.82	−24 57.5	1.695	2.690	5.5	20.8
6 20	16 2.04	−24 14.8	1.733	2.685	9.5	21.1
6 30	15 56.41	−23 34.9	1.795	2.680	13.1	21.3

250536 2004 QJ_9 5 28.3 300°.71 1°.5/28.8 18

4 21	16 48.16	−24 11.5	2.165	2.983	13.2	19.8
5 1	16 43.68	−24 44.9	2.065	2.968	10.4	19.6
5 11	16 36.93	−25 15.5	1.987	2.952	7.0	19.4
5 21	16 28.40	−25 41.6	1.935	2.937	3.5	19.1
5 31	16 18.92	−26 2.1	1.911	2.922	1.8	19.0
6 10	16 9.50	−26 17.0	1.915	2.908	5.1	19.2
6 20	16 1.12	−26 27.5	1.945	2.893	8.8	19.4
6 30	15 54.60	−26 36.0	1.999	2.879	12.2	19.5

418036 2007 VO_{12} 5 28.3 243°.23 2°.8/29.3 17

4 21	16 52.76	−28 51.3	1.736	2.552	16.0	22.0
5 1	16 47.87	−29 2.0	1.640	2.539	12.8	21.8
5 11	16 40.00	−29 2.8	1.565	2.526	9.0	21.5
5 21	16 29.81	−28 51.5	1.513	2.511	4.9	21.2
5 31	16 18.41	−28 27.3	1.487	2.497	2.9	21.1
6 10	16 7.21	−27 52.1	1.489	2.481	6.4	21.2
6 20	15 57.52	−27 10.6	1.515	2.465	10.7	21.4
6 30	15 50.38	−26 28.6	1.565	2.449	14.7	21.6

87175 2000 OY_5 5 28.3 293°.35 7°.3/31.2 18

4 21	16 51.20	−39 29.2	1.729	2.519	17.1	19.0
5 1	16 47.13	−39 57.9	1.630	2.500	14.5	18.8
5 11	16 39.77	−40 9.5	1.549	2.480	11.5	18.5
5 21	16 29.78	−39 58.8	1.490	2.461	8.6	18.3
5 31	16 18.42	−39 22.6	1.456	2.441	7.3	18.2
6 10	16 7.29	−38 22.4	1.446	2.422	8.6	18.2
6 20	15 57.90	−37 3.8	1.461	2.403	11.7	18.3
6 30	15 51.39	−35 35.8	1.497	2.384	15.1	18.5

497769 2006 SV_{315} 5 28.3 303°.95 1°.7/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.03	−18 59.7	1.396	2.247	17.3	21.9
5 1	16 43.90	−18 45.2	1.301	2.224	13.6	21.6
5 11	16 37.67	−18 27.2	1.226	2.201	9.2	21.3
5 21	16 28.91	−18 6.7	1.173	2.179	4.2	20.9
5 31	16 18.72	−17 46.1	1.145	2.156	2.5	20.7
6 10	16 8.60	−17 28.7	1.141	2.134	7.6	21.0
6 20	15 59.98	−17 17.8	1.159	2.113	12.9	21.2
6 30	15 54.03	−17 16.8	1.198	2.092	17.6	21.4

235950 2005 EY_{159} 5 28.3 304°.79 3°.0/27.0 17

4 21	16 45.60	−15 20.0	1.937	2.772	13.9	20.5
5 1	16 41.58	−14 43.7	1.854	2.767	10.8	20.3
5 11	16 35.41	−14 6.4	1.793	2.762	7.3	20.1
5 21	16 27.68	−13 30.6	1.757	2.758	4.0	19.9
5 31	16 19.24	−12 59.2	1.748	2.753	3.5	19.8
6 10	16 11.07	−12 35.3	1.766	2.749	6.6	20.0
6 20	16 4.06	−12 21.2	1.808	2.744	10.2	20.2
6 30	15 58.92	−12 18.0	1.874	2.740	13.5	20.4

240066 2001 XV_{180} 5 28.3 132°.19 2°.4/29.8 18

4 21	16 47.92	−31 23.6	2.499	3.296	12.3	20.4
5 1	16 42.95	−31 10.6	2.416	3.302	9.7	20.2
5 11	16 36.08	−30 47.5	2.355	3.309	6.8	20.1
5 21	16 27.88	−30 13.9	2.320	3.315	3.9	19.9
5 31	16 19.18	−29 30.5	2.314	3.321	2.5	19.8
6 10	16 10.84	−28 40.0	2.336	3.326	4.6	20.0
6 20	16 3.63	−27 46.1	2.385	3.332	7.5	20.1
6 30	15 58.14	−26 52.8	2.460	3.337	10.3	20.3

140980 Blanton 5 28.3 331°.33 8°.9/26.1 18

4 21	16 43.43	− 2 10.9	1.483	2.324	17.0	18.8
5 1	16 40.73	− 1 37.5	1.391	2.296	14.3	18.5
5 11	16 35.35	− 1 16.5	1.319	2.269	11.4	18.3
5 21	16 27.84	− 1 13.7	1.268	2.243	9.3	18.1
5 31	16 19.13	− 1 34.3	1.240	2.218	9.3	18.0
6 10	16 10.45	− 2 20.4	1.235	2.194	11.6	18.1
6 20	16 3.00	− 3 31.0	1.251	2.172	15.0	18.2
6 30	15 57.81	− 5 2.4	1.287	2.151	18.6	18.4

433096 2012 TV_{93} 5 28.3 217°.93 3°.2/26.9 17

4 21	16 46.66	−14 2.2	2.173	2.999	12.9	21.5
5 1	16 42.14	−13 28.2	2.087	2.995	10.0	21.3
5 11	16 35.66	−12 54.3	2.024	2.991	6.9	21.1
5 21	16 27.76	−12 22.7	1.987	2.986	3.9	20.9
5 31	16 19.22	−11 56.1	1.978	2.981	3.5	20.9
6 10	16 10.92	−11 36.9	1.996	2.975	6.3	21.1
6 20	16 3.66	−11 26.9	2.040	2.970	9.6	21.2
6 30	15 58.10	−11 27.3	2.108	2.964	12.6	21.4

467212 2016 EM_{146} 5 28.3 347°.45 3°.0/27.5 17

4 21	16 42.02	−17 18.3	1.119	1.993	19.1	20.1
5 1	16 40.33	−16 51.2	1.047	1.982	14.9	19.8
5 11	16 35.37	−16 21.5	0.994	1.973	10.0	19.5
5 21	16 27.88	−15 52.1	0.960	1.966	4.9	19.2
5 31	16 19.15	−15 27.3	0.949	1.959	3.7	19.1
6 10	16 10.79	−15 11.4	0.960	1.954	8.6	19.4
6 20	16 4.25	−15 7.4	0.992	1.951	13.9	19.6
6 30	16 0.60	−15 17.4	1.042	1.949	18.5	19.9

125338 2001 VP_{51} 5 28.4 160°.30 3°.5/29.3 17

4 21	16 54.33	−28 49.1	1.543	2.364	17.4	19.5
5 1	16 49.25	−29 19.9	1.466	2.367	13.9	19.3
5 11	16 40.96	−29 41.4	1.409	2.370	9.8	19.1
5 21	16 30.22	−29 50.3	1.375	2.372	5.5	18.8
5 31	16 18.33	−29 44.9	1.367	2.374	3.6	18.7
6 10	16 6.87	−29 27.0	1.384	2.376	6.9	18.9
6 20	15 57.23	−29 0.7	1.426	2.377	11.2	19.1
6 30	15 50.44	−28 32.0	1.491	2.379	15.1	19.4

504679 2009 DV_{104} 5 28.4 53°.16 5°.2/26.2 17

4 21	16 45.35	− 9 40.2	1.893	2.727	14.2	20.8
5 1	16 41.15	− 8 48.5	1.835	2.743	11.2	20.6
5 11	16 34.95	− 8 0.7	1.799	2.760	8.0	20.4
5 21	16 27.41	− 7 20.7	1.787	2.776	5.6	20.3
5 31	16 19.39	− 6 52.0	1.802	2.793	5.5	20.4
6 10	16 11.81	− 6 37.0	1.843	2.810	7.8	20.5
6 20	16 5.45	− 6 36.4	1.908	2.827	10.7	20.7
6 30	16 0.91	− 6 49.9	1.996	2.844	13.5	21.0

115998 2003 WS_{72} 5 28.4 248°.32 1°.6/28.9 18

4 21	16 48.87	−25 55.8	2.097	2.913	13.6	20.4
5 1	16 44.20	−26 8.4	2.005	2.906	10.7	20.2
5 11	16 37.22	−26 14.9	1.934	2.898	7.3	20.0
5 21	16 28.51	−26 14.3	1.889	2.891	3.6	19.7
5 31	16 18.95	−26 6.4	1.872	2.883	1.8	19.6
6 10	16 9.59	−25 52.5	1.882	2.875	5.2	19.8
6 20	16 1.40	−25 35.3	1.918	2.867	8.9	20.0
6 30	15 55.19	−25 18.0	1.978	2.859	12.3	20.2

256780 2008 CN_{14} 5 28.4 27°.31 4°.6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.84	−30 32.8	1.417	2.247	18.3	20.0
5 1	16 46.83	−31 13.8	1.346	2.251	14.7	19.7
5 11	16 39.48	−31 43.8	1.295	2.255	10.5	19.5
5 21	16 29.61	−31 58.9	1.265	2.260	6.4	19.3
5 31	16 18.56	−31 57.0	1.260	2.265	4.7	19.2
6 10	16 8.00	−31 39.5	1.280	2.270	7.5	19.4
6 20	15 59.37	−31 11.3	1.322	2.276	11.6	19.6
6 30	15 53.71	−30 38.9	1.386	2.282	15.5	19.9

173049 2006 QH_{141} 5 28.4 211°.07 0°.6/28.7 18

4 21	16 47.11	−25 34.5	2.296	3.111	12.6	20.4
5 1	16 42.50	−25 11.4	2.206	3.108	9.8	20.2
5 11	16 35.88	−24 40.7	2.140	3.106	6.6	20.0
5 21	16 27.85	−24 2.8	2.099	3.103	3.0	19.8
5 31	16 19.21	−23 19.3	2.087	3.099	1.1	19.6
6 10	16 10.86	−22 33.1	2.103	3.096	4.7	19.9
6 20	16 3.61	−21 47.7	2.145	3.093	8.2	20.1
6 30	15 58.11	−21 6.6	2.213	3.089	11.3	20.3

144200 2004 CH 5 28.4 346°.42 2°.9/29.6 17

4 21	16 46.64	−30 17.7	1.820	2.640	15.2	19.3
5 1	16 42.82	−30 15.3	1.735	2.636	12.1	19.1
5 11	16 36.43	−30 1.3	1.672	2.633	8.5	18.9
5 21	16 28.18	−29 34.7	1.632	2.630	4.8	18.7
5 31	16 19.09	−28 55.8	1.619	2.627	2.9	18.5
6 10	16 10.36	−28 7.9	1.631	2.625	5.8	18.7
6 20	16 3.06	−27 15.5	1.669	2.623	9.6	18.9
6 30	15 57.99	−26 24.2	1.730	2.622	13.2	19.2

70913 1999 VP_{187} 5 28.4 166°.63 1°.4/27.8 18

4 21	16 47.94	−18 24.3	2.059	2.885	13.5	20.1
5 1	16 43.26	−18 9.1	1.977	2.887	10.4	19.9
5 11	16 36.45	−17 51.9	1.919	2.889	6.9	19.7
5 21	16 28.12	−17 33.7	1.886	2.890	3.1	19.5
5 31	16 19.12	−17 16.2	1.880	2.891	2.0	19.4
6 10	16 10.42	−17 1.5	1.902	2.892	5.5	19.7
6 20	16 2.88	−16 51.5	1.951	2.893	9.2	19.9
6 30	15 57.20	−16 48.2	2.022	2.893	12.5	20.1

11684 1998 FY_{11} 5 28.4 356°.69 6°.7/26.0 18

4 21	16 43.67	− 9 8.6	1.413	2.267	17.0	16.6
5 1	16 40.73	− 8 12.0	1.345	2.264	13.6	16.4
5 11	16 35.16	− 7 20.1	1.296	2.262	10.0	16.2
5 21	16 27.65	− 6 38.3	1.270	2.260	7.1	16.0
5 31	16 19.28	− 6 11.8	1.267	2.259	7.1	16.0
6 10	16 11.31	− 6 4.2	1.288	2.259	9.9	16.2
6 20	16 4.81	− 6 16.3	1.331	2.260	13.6	16.4
6 30	16 0.62	− 6 47.0	1.393	2.262	17.1	16.6

307112 2002 CC_{68} 5 28.4 142°.72 1°.4/27.9 17

4 21	16 52.45	−18 46.2	1.627	2.459	16.2	21.3
5 1	16 47.24	−18 36.7	1.554	2.466	12.6	21.1
5 11	16 39.31	−18 24.8	1.502	2.473	8.3	20.8
5 21	16 29.41	−18 11.4	1.475	2.480	3.7	20.6
5 31	16 18.66	−17 58.1	1.474	2.486	2.1	20.5
6 10	16 8.37	−17 47.2	1.500	2.491	6.5	20.8
6 20	15 59.66	−17 41.1	1.551	2.497	10.9	21.0
6 30	15 53.37	−17 42.1	1.624	2.501	14.7	21.3

430782 2004 TJ_{120} 5 28.4 311°.19 2°.0/27.4 17

4 21	16 45.09	−21 16.4	1.536	2.383	16.2	20.4
5 1	16 42.01	−20 17.6	1.440	2.362	12.7	20.1
5 11	16 36.15	−19 8.4	1.365	2.340	8.5	19.8
5 21	16 28.16	−17 51.3	1.314	2.319	3.9	19.5
5 31	16 19.07	−16 31.3	1.288	2.299	2.7	19.3
6 10	16 10.21	−15 14.9	1.288	2.279	7.4	19.6
6 20	16 2.76	−14 8.6	1.311	2.259	12.2	19.8
6 30	15 57.70	−13 17.3	1.356	2.240	16.5	20.0

477151 2009 DC_{84} 5 28.4 352°.30 3°.2/29.4 16

4 21	16 47.83	−29 21.5	1.906	2.724	14.7	21.4
5 1	16 43.68	−29 49.1	1.823	2.721	11.7	21.2
5 11	16 37.00	−30 8.4	1.760	2.719	8.3	21.0
5 21	16 28.45	−30 17.3	1.722	2.718	4.8	20.8
5 31	16 18.99	−30 14.7	1.710	2.717	3.3	20.7
6 10	16 9.81	−30 1.9	1.725	2.716	5.9	20.8
6 20	16 1.97	−29 41.9	1.765	2.715	9.4	21.0
6 30	15 56.33	−29 19.0	1.828	2.715	12.8	21.2

20447 1999 JR_{85} 5 28.4 321°.03 7°.9/24.3 18

4 21	16 41.72	−10 23.2	1.361	2.222	17.2	17.4
5 1	16 39.70	− 8 45.7	1.264	2.188	13.9	17.1
5 11	16 34.85	− 7 3.9	1.187	2.154	10.5	16.8
5 21	16 27.69	− 5 25.2	1.133	2.121	8.1	16.6
5 31	16 19.22	− 3 59.0	1.101	2.089	8.7	16.5
6 10	16 10.76	− 2 53.9	1.092	2.057	12.1	16.6
6 20	16 3.63	− 2 15.8	1.104	2.026	16.4	16.7
6 30	15 58.93	− 2 6.8	1.134	1.997	20.5	16.9

156277 2001 VN_{99} 5 28.4 135°.69 5°.9/25.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.82	− 5 27.8	2.305	3.115	12.8	20.3
5 1	16 43.43	− 4 31.9	2.241	3.130	10.3	20.2
5 11	16 36.28	− 3 41.7	2.200	3.145	7.8	20.1
5 21	16 27.96	− 3 0.9	2.186	3.159	6.1	20.0
5 31	16 19.21	− 2 32.7	2.199	3.172	6.2	20.0
6 10	16 10.83	− 2 19.2	2.239	3.185	7.9	20.1
6 20	16 3.51	− 2 20.7	2.305	3.197	10.3	20.3
6 30	15 57.81	− 2 36.5	2.394	3.208	12.6	20.5

347961 2003 RK_{1} 5 28.4 242°.07 1°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.15	−24 46.7	2.761	3.559	11.2	22.4
5 1	16 45.49	−25 1.2	2.646	3.538	8.8	22.2
5 11	16 37.88	−25 11.6	2.555	3.516	6.0	21.9
5 21	16 28.78	−25 16.9	2.492	3.493	2.9	21.7
5 31	16 18.86	−25 16.9	2.458	3.469	1.3	21.5
6 10	16 8.97	−25 12.1	2.454	3.445	4.3	21.7
6 20	15 59.89	−25 4.1	2.478	3.419	7.6	21.9
6 30	15 52.34	−24 55.4	2.529	3.393	10.5	22.0

219578 2001 SQ_{234} 5 28.4 194°.83 0°.2/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.38	−21 42.5	2.273	3.087	12.8	21.9
5 1	16 45.02	−21 33.2	2.182	3.084	9.9	21.7
5 11	16 37.57	−21 19.6	2.114	3.081	6.6	21.5
5 21	16 28.61	−21 2.2	2.073	3.077	2.8	21.2
5 31	16 18.95	−20 41.8	2.060	3.073	1.1	21.1
6 10	16 9.54	−20 20.5	2.076	3.068	4.9	21.3
6 20	16 1.22	−20 0.8	2.120	3.062	8.5	21.5
6 30	15 54.71	−19 45.1	2.187	3.056	11.7	21.7

424551 2008 EY_{163} 5 28.4 262°.16 1°.6/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.47	−25 20.8	1.702	2.529	15.8	21.4
5 1	16 46.03	−25 33.1	1.611	2.519	12.5	21.2
5 11	16 38.75	−25 38.9	1.541	2.508	8.5	20.9
5 21	16 29.29	−25 36.6	1.495	2.498	4.1	20.6
5 31	16 18.70	−25 25.9	1.475	2.487	1.9	20.5
6 10	16 8.32	−25 8.7	1.481	2.476	6.1	20.7
6 20	15 59.39	−24 48.1	1.513	2.465	10.6	20.9
6 30	15 52.88	−24 28.7	1.566	2.454	14.5	21.1

501264 2013 WF_{11} 5 28.4 138°.17 4°.9/25.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.48	−13 20.9	1.947	2.778	14.0	21.2
5 1	16 42.83	−11 44.2	1.873	2.782	10.9	21.0
5 11	16 36.10	−10 5.2	1.822	2.785	7.7	20.8
5 21	16 27.95	− 8 29.0	1.797	2.788	5.2	20.6
5 31	16 19.24	− 7 1.8	1.801	2.792	5.5	20.7
6 10	16 10.93	− 5 48.8	1.831	2.795	8.1	20.8
6 20	16 3.85	− 4 53.6	1.887	2.798	11.3	21.0
6 30	15 58.64	− 4 17.5	1.965	2.800	14.2	21.2

318516 2005 EB_{187} 5 28.4 341°.05 2°.3/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.88	−25 45.4	1.181	2.041	19.3	20.7
5 1	16 42.75	−26 3.8	1.104	2.029	15.3	20.4
5 11	16 37.13	−26 13.7	1.044	2.019	10.5	20.1
5 21	16 28.73	−26 13.1	1.006	2.010	5.2	19.8
5 31	16 18.90	−26 1.5	0.989	2.001	2.6	19.6
6 10	16 9.38	−25 41.3	0.996	1.994	7.5	19.8
6 20	16 1.77	−25 17.2	1.024	1.989	12.9	20.1
6 30	15 57.30	−24 55.0	1.071	1.984	17.6	20.4

490037 2008 TE_{18} 5 28.4 203°.21 1°.0/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.91	−20 14.5	2.203	3.025	12.9	22.5
5 1	16 43.15	−19 50.1	2.115	3.022	10.0	22.3
5 11	16 36.35	−19 21.6	2.050	3.019	6.6	22.1
5 21	16 28.09	−18 50.3	2.010	3.015	2.9	21.8
5 31	16 19.18	−18 17.9	1.999	3.011	1.6	21.7
6 10	16 10.53	−17 47.1	2.016	3.006	5.2	21.9
6 20	16 2.97	−17 20.7	2.060	3.002	8.8	22.2
6 30	15 57.18	−17 1.0	2.128	2.997	12.0	22.3

355586 2008 CR_{127} 5 28.4 313°.62 5°.5/25.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.27	− 7 5.1	2.158	2.984	13.0	20.9
5 1	16 40.29	− 6 21.2	2.078	2.979	10.4	20.7
5 11	16 34.44	− 5 42.2	2.021	2.975	7.8	20.5
5 21	16 27.26	− 5 11.5	1.989	2.970	5.8	20.4
5 31	16 19.48	− 4 52.4	1.983	2.966	5.8	20.4
6 10	16 11.94	− 4 46.9	2.003	2.962	7.9	20.5
6 20	16 5.39	− 4 55.9	2.049	2.958	10.6	20.7
6 30	16 0.44	− 5 18.8	2.116	2.954	13.2	20.8

122632 2000 RW_{78} 5 28.4 245°.03 3°.2/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.11	−32 5.6	2.109	2.908	14.1	20.2
5 1	16 46.08	−32 2.8	2.007	2.894	11.4	20.0
5 11	16 38.55	−31 48.2	1.927	2.879	8.2	19.8
5 21	16 29.13	−31 19.9	1.871	2.864	4.9	19.6
5 31	16 18.80	−30 37.7	1.843	2.849	3.3	19.4
6 10	16 8.70	−29 44.2	1.843	2.833	5.7	19.5
6 20	15 59.90	−28 44.0	1.869	2.816	9.2	19.7
6 30	15 53.24	−27 42.6	1.920	2.799	12.6	19.9

145840 1998 YW_{18} 5 28.4 181°.98 1°.2/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.35	−19 33.5	2.063	2.885	13.6	20.9
5 1	16 45.13	−19 14.4	1.979	2.886	10.6	20.7
5 11	16 37.71	−18 51.9	1.917	2.886	7.0	20.4
5 21	16 28.70	−18 27.0	1.882	2.886	3.1	20.2
5 31	16 18.98	−18 1.5	1.874	2.885	1.8	20.1
6 10	16 9.57	−17 37.9	1.894	2.884	5.5	20.3
6 20	16 1.37	−17 18.6	1.941	2.882	9.3	20.6
6 30	15 55.10	−17 6.1	2.011	2.879	12.6	20.8

470270 2007 BL_{59} 5 28.4 151°.50 8°.3/23.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.36	+12 49.3	3.346	4.079	10.7	21.7
5 1	16 40.32	+13 36.8	3.289	4.089	9.6	21.7
5 11	16 34.06	+14 11.5	3.254	4.098	8.7	21.6
5 21	16 26.99	+14 30.6	3.243	4.107	8.3	21.6
5 31	16 19.62	+14 31.8	3.257	4.116	8.4	21.6
6 10	16 12.48	+14 14.6	3.295	4.124	9.1	21.7
6 20	16 6.06	+13 40.0	3.357	4.131	10.1	21.8
6 30	16 0.75	+12 50.0	3.439	4.138	11.2	21.9

161274 2003 FT_{84} 5 28.4 331°.12 6°.1/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.37	−33 17.0	1.136	1.983	20.8	19.2
5 1	16 44.40	−33 45.0	1.057	1.969	17.0	18.9
5 11	16 38.51	−33 56.0	0.995	1.957	12.6	18.6
5 21	16 29.43	−33 44.8	0.952	1.945	8.2	18.3
5 31	16 18.68	−33 8.9	0.931	1.935	6.1	18.2
6 10	16 8.30	−32 11.2	0.931	1.925	8.9	18.3
6 20	16 0.15	−31 0.0	0.952	1.916	13.7	18.5
6 30	15 55.55	−29 45.7	0.993	1.909	18.4	18.7

22243 4141 $T\text{-}_{3}$ 5 28.4 232°.99 1°.9/27.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.48	−15 41.7	2.767	3.584	10.7	20.2
5 1	16 40.90	−15 25.7	2.669	3.573	8.3	20.0
5 11	16 34.72	−15 9.5	2.596	3.562	5.6	19.8
5 21	16 27.37	−14 54.1	2.550	3.551	2.8	19.6
5 31	16 19.47	−14 41.0	2.532	3.539	2.2	19.5
6 10	16 11.71	−14 31.6	2.544	3.528	4.8	19.7
6 20	16 4.73	−14 27.4	2.583	3.515	7.7	19.8
6 30	15 59.08	−14 29.3	2.646	3.503	10.3	20.0

40787 1999 TV_{30} 5 28.4 350°.32 7°.1/24.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.15	−10 4.8	1.482	2.335	16.4	17.6
5 1	16 40.22	− 8 32.0	1.411	2.330	13.1	17.4
5 11	16 34.77	− 6 59.9	1.362	2.326	9.7	17.1
5 21	16 27.50	− 5 35.6	1.335	2.322	7.3	17.0
5 31	16 19.43	− 4 26.3	1.333	2.319	7.7	17.0
6 10	16 11.75	− 3 37.9	1.354	2.317	10.5	17.1
6 20	16 5.48	− 3 12.9	1.398	2.316	13.9	17.3
6 30	16 1.41	− 3 11.4	1.461	2.315	17.3	17.6

84568 2002 VS_{10} 5 28.4 223°.50 0°.8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.80	−24 21.2	2.265	3.081	12.7	20.5
5 1	16 43.13	−24 20.3	2.174	3.077	9.9	20.3
5 11	16 36.39	−24 13.9	2.106	3.072	6.6	20.1
5 21	16 28.15	−24 1.8	2.064	3.067	3.0	19.8
5 31	16 19.19	−23 44.7	2.049	3.062	1.2	19.7
6 10	16 10.47	−23 24.2	2.063	3.056	4.8	19.9
6 20	16 2.82	−23 2.9	2.103	3.051	8.3	20.1
6 30	15 56.95	−22 43.8	2.168	3.045	11.5	20.3

62642 2000 SN_{359} 5 28.4 119°.84 4°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.10	−35 25.7	2.395	3.180	13.1	19.3
5 1	16 44.15	−35 38.8	2.312	3.185	10.6	19.1
5 11	16 37.04	−35 40.3	2.250	3.190	7.9	18.9
5 21	16 28.40	−35 28.2	2.214	3.195	5.4	18.8
5 31	16 19.12	−35 2.1	2.205	3.200	4.2	18.7
6 10	16 10.19	−34 23.8	2.223	3.204	5.6	18.8
6 20	16 2.48	−33 37.1	2.268	3.209	8.2	19.0
6 30	15 56.70	−32 46.5	2.337	3.213	10.8	19.2

459043 2012 AU_{1} 5 28.4 36°.13 3°.0/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.93	−29 9.2	1.205	2.052	19.8	20.8
5 1	16 45.48	−29 8.9	1.147	2.064	15.6	20.5
5 11	16 38.56	−28 54.5	1.108	2.077	10.8	20.3
5 21	16 29.18	−28 24.5	1.090	2.091	5.7	20.0
5 31	16 18.86	−27 40.3	1.095	2.105	3.1	19.9
6 10	16 9.34	−26 47.2	1.123	2.120	7.1	20.2
6 20	16 1.99	−25 52.1	1.175	2.136	11.9	20.5
6 30	15 57.72	−25 2.0	1.247	2.153	16.2	20.8

469627 2004 RB_{253} 5 28.4 270°.34 1°.3/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.74	−30 33.9	2.130	2.927	14.1	20.9
5 1	16 48.04	−29 33.5	2.009	2.899	11.2	20.6
5 11	16 39.81	−28 16.4	1.912	2.871	7.8	20.4
5 21	16 29.69	−26 42.1	1.841	2.842	3.8	20.1
5 31	16 18.65	−24 53.2	1.800	2.812	1.6	19.8
6 10	16 7.85	−22 55.5	1.789	2.782	5.5	20.0
6 20	15 58.36	−20 56.6	1.807	2.751	9.7	20.2
6 30	15 51.01	−19 4.5	1.851	2.720	13.5	20.4

465356 2008 AB_{36} 5 28.4 135°.76 5°.2/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.50	− 8 29.1	1.860	2.681	14.9	21.9
5 1	16 46.00	− 8 0.7	1.793	2.693	11.8	21.7
5 11	16 38.25	− 7 37.9	1.747	2.704	8.5	21.6
5 21	16 28.92	− 7 23.8	1.726	2.715	5.8	21.4
5 31	16 18.96	− 7 20.9	1.732	2.725	5.5	21.4
6 10	16 9.42	− 7 30.6	1.765	2.734	7.9	21.6
6 20	16 1.22	− 7 53.1	1.824	2.743	11.1	21.8
6 30	15 55.04	− 8 27.3	1.905	2.751	14.1	22.0

193036 2000 EP_{127} 5 28.4 106°.96 1°.9/27.9 18

4 21	16 54.52	−17 32.6	1.473	2.308	17.4	19.9
5 1	16 48.93	−17 24.4	1.412	2.326	13.5	19.7
5 11	16 40.44	−17 15.2	1.372	2.343	8.9	19.4
5 21	16 29.91	−17 6.0	1.355	2.359	4.1	19.2
5 31	16 18.61	−16 58.4	1.364	2.375	2.5	19.1
6 10	16 7.96	−16 54.5	1.400	2.391	6.9	19.4
6 20	15 59.11	−16 56.5	1.460	2.406	11.4	19.7
6 30	15 52.91	−17 5.9	1.542	2.420	15.2	20.0

270246 2001 UE_{22} 5 28.4 167°.63 2°.8/29.7 17

4 21	16 52.65	−31 5.9	2.401	3.191	12.9	21.6
5 1	16 46.76	−31 10.9	2.315	3.197	10.3	21.4
5 11	16 38.70	−31 6.5	2.251	3.202	7.3	21.2
5 21	16 29.11	−30 51.0	2.213	3.206	4.3	21.0
5 31	16 18.88	−30 24.6	2.204	3.209	2.8	20.9
6 10	16 8.99	−29 49.0	2.224	3.212	5.0	21.1
6 20	16 0.32	−29 7.9	2.271	3.214	8.0	21.3
6 30	15 53.57	−28 25.5	2.344	3.215	10.9	21.5

292279 2006 SX_{125} 5 28.4 299°.80 5°.4/26.7 17

4 21	16 47.10	−11 22.9	1.455	2.303	16.9	20.6
5 1	16 43.58	−10 43.0	1.371	2.289	13.5	20.4
5 11	16 37.22	−10 5.6	1.306	2.275	9.6	20.1
5 21	16 28.68	− 9 34.9	1.265	2.260	6.1	19.9
5 31	16 19.00	− 9 15.2	1.247	2.246	5.9	19.8
6 10	16 9.53	− 9 10.2	1.254	2.233	9.2	20.0
6 20	16 1.50	− 9 21.4	1.283	2.219	13.5	20.2
6 30	15 55.90	− 9 49.0	1.333	2.206	17.4	20.4

247112 2000 UL 5 28.4 187°.95 0°.5/28.5 17

4 21	16 47.86	−22 26.0	2.572	3.383	11.5	20.8
5 1	16 42.90	−22 40.0	2.482	3.383	8.9	20.6
5 11	16 36.11	−22 51.2	2.417	3.382	5.9	20.4
5 21	16 28.00	−22 58.9	2.378	3.381	2.6	20.2
5 31	16 19.27	−23 3.3	2.367	3.380	1.0	20.1
6 10	16 10.72	−23 5.2	2.386	3.379	4.3	20.3
6 20	16 3.11	−23 5.9	2.432	3.377	7.5	20.5
6 30	15 57.04	−23 7.4	2.504	3.375	10.3	20.7

248596 2006 DL_{14} 5 28.4 4°.04 6°.1/29.6 17

4 21	16 47.81	−30 19.2	1.060	1.916	21.3	19.4
5 1	16 45.56	−31 26.2	0.996	1.915	17.2	19.1
5 11	16 39.27	−32 22.5	0.949	1.915	12.6	18.8
5 21	16 29.75	−33 1.6	0.921	1.916	8.1	18.6
5 31	16 18.61	−33 18.9	0.914	1.918	6.2	18.5
6 10	16 7.98	−33 14.8	0.929	1.922	9.2	18.7
6 20	15 59.72	−32 54.6	0.965	1.926	13.9	18.9
6 30	15 55.13	−32 26.4	1.019	1.932	18.3	19.2

241897 2001 XQ_{10} 5 28.4 116°.48 11°.9/26.8 16

4 21	16 55.26	+15 19.3	2.136	2.866	16.1	20.2
5 1	16 48.45	+15 46.8	2.083	2.881	14.4	20.1
5 11	16 39.61	+15 52.4	2.049	2.896	13.0	20.0
5 21	16 29.43	+15 31.5	2.037	2.910	12.0	20.0
5 31	16 18.81	+14 41.9	2.048	2.924	12.0	20.0
6 10	16 8.71	+13 24.7	2.085	2.938	12.8	20.1
6 20	15 59.94	+11 43.9	2.144	2.951	14.1	20.2
6 30	15 53.11	+ 9 45.2	2.225	2.964	15.6	20.4

22988 Jimmyhom 5 28.4 11°.63 0°.9/28.1 18

4 21	16 45.40	−21 16.4	1.178	2.041	19.1	18.2
5 1	16 42.74	−20 57.4	1.114	2.043	14.8	17.9
5 11	16 36.82	−20 32.1	1.068	2.046	9.8	17.6
5 21	16 28.49	−20 1.8	1.044	2.051	4.2	17.3
5 31	16 19.12	−19 29.7	1.043	2.056	1.9	17.2
6 10	16 10.32	−19 0.1	1.065	2.062	7.4	17.5
6 20	16 3.44	−18 37.3	1.109	2.069	12.6	17.9
6 30	15 59.45	−18 24.7	1.172	2.077	17.1	18.1

341492 2007 TU_{381} 5 28.4 284°.04 0°.5/28.2 16

4 21	16 46.73	−21 16.2	1.999	2.827	13.7	21.6
5 1	16 42.55	−21 2.1	1.909	2.820	10.7	21.4
5 11	16 36.15	−20 43.5	1.841	2.812	7.1	21.2
5 21	16 28.09	−20 21.1	1.799	2.804	3.1	20.9
5 31	16 19.26	−19 56.5	1.783	2.796	1.3	20.8
6 10	16 10.66	−19 32.1	1.795	2.788	5.4	21.0
6 20	16 3.22	−19 10.7	1.833	2.781	9.3	21.3
6 30	15 57.69	−18 55.0	1.894	2.773	12.8	21.5

347729 2001 XH_{267} 5 28.4 68°.87 1°.9/27.9 17

4 21	16 49.74	−14 17.2	2.190	3.009	13.0	20.6
5 1	16 44.35	−14 34.1	2.126	3.031	10.0	20.4
5 11	16 37.02	−14 53.5	2.086	3.052	6.7	20.2
5 21	16 28.36	−15 15.4	2.071	3.073	3.3	20.0
5 31	16 19.19	−15 40.0	2.085	3.094	2.3	20.0
6 10	16 10.41	−16 7.6	2.128	3.115	5.3	20.2
6 20	16 2.78	−16 38.2	2.198	3.136	8.5	20.5
6 30	15 56.90	−17 12.0	2.292	3.157	11.4	20.7

87501 2000 QD_{169} 5 28.4 149°.50 0°.1/28.4 18

4 21	16 49.48	−22 55.9	1.962	2.785	14.2	19.6
5 1	16 44.60	−22 41.3	1.883	2.790	11.0	19.4
5 11	16 37.42	−22 21.0	1.826	2.794	7.3	19.2
5 21	16 28.61	−21 55.3	1.794	2.798	3.2	18.9
5 31	16 19.10	−21 25.7	1.789	2.802	1.1	18.8
6 10	16 9.96	−20 55.1	1.812	2.805	5.3	19.1
6 20	16 2.13	−20 26.5	1.861	2.809	9.2	19.3
6 30	15 56.33	−20 3.1	1.934	2.811	12.6	19.5

233828 2008 UP_{244} 5 28.4 294°.40 7°.9/31.8 18

4 21	16 51.85	−41 58.9	1.818	2.594	16.9	19.9
5 1	16 47.55	−42 30.2	1.723	2.579	14.5	19.7
5 11	16 40.00	−42 43.2	1.646	2.565	11.7	19.4
5 21	16 29.93	−42 32.9	1.592	2.551	9.2	19.3
5 31	16 18.59	−41 55.9	1.561	2.536	7.9	19.1
6 10	16 7.60	−40 53.7	1.555	2.522	8.9	19.2
6 20	15 58.37	−39 32.1	1.573	2.508	11.5	19.3
6 30	15 52.01	−37 59.9	1.614	2.495	14.5	19.4

299410 2005 YZ_{53} 5 28.4 142°.61 1°.6/28.9 16

4 21	16 53.19	−26 43.5	1.514	2.342	17.4	21.4
5 1	16 48.21	−26 35.7	1.440	2.348	13.7	21.1
5 11	16 40.16	−26 17.7	1.386	2.353	9.3	20.9
5 21	16 29.88	−25 48.4	1.356	2.358	4.4	20.6
5 31	16 18.65	−25 9.0	1.351	2.363	1.9	20.5
6 10	16 7.98	−24 23.5	1.373	2.368	6.4	20.7
6 20	15 59.12	−23 37.3	1.419	2.372	11.0	21.0
6 30	15 53.00	−22 55.9	1.487	2.375	15.1	21.3

216450 2009 HH_{3} 5 28.4 5°.40 2°.9/28.9 17

4 21	16 51.55	−24 58.5	1.330	2.172	18.6	20.0
5 1	16 47.57	−25 50.6	1.257	2.172	14.7	19.7
5 11	16 40.16	−26 38.5	1.203	2.172	10.1	19.4
5 21	16 30.04	−27 18.5	1.171	2.173	5.2	19.2
5 31	16 18.57	−27 47.6	1.164	2.174	3.1	19.0
6 10	16 7.44	−28 5.4	1.181	2.176	7.3	19.3
6 20	15 58.21	−28 14.5	1.221	2.178	12.1	19.6
6 30	15 52.03	−28 19.3	1.282	2.180	16.4	19.8

127381 2002 KT_{5} 5 28.4 351°.44 0°.7/28.7 17

4 21	16 34.93	−26 58.5	1.055	1.934	19.6	17.4
5 1	16 35.19	−26 17.1	0.980	1.918	15.5	17.1
5 11	16 32.16	−25 17.2	0.923	1.904	10.4	16.8
5 21	16 26.60	−24 0.4	0.886	1.892	4.8	16.4
5 31	16 19.82	−22 31.9	0.870	1.883	1.6	16.2
6 10	16 13.47	−21 0.4	0.876	1.877	7.5	16.5
6 20	16 8.99	−19 35.6	0.902	1.873	13.2	16.8
6 30	16 7.43	−18 25.6	0.946	1.872	18.2	17.1

422824 2002 CH_{58} 5 28.4 10°.11 9°.5/25.7 17

4 21	16 45.66	− 0 53.0	1.499	2.333	17.3	19.9
5 1	16 42.06	+ 0 1.8	1.437	2.334	14.4	19.7
5 11	16 35.95	+ 0 43.5	1.394	2.336	11.6	19.6
5 21	16 28.03	+ 1 6.0	1.373	2.338	9.8	19.5
5 31	16 19.34	+ 1 4.6	1.375	2.341	9.8	19.5
6 10	16 11.07	+ 0 37.9	1.400	2.345	11.8	19.6
6 20	16 4.23	− 0 12.5	1.447	2.349	14.6	19.8
6 30	15 59.60	− 1 22.8	1.513	2.354	17.4	20.0

431351 2007 BF_{81} 5 28.4 209°.09 0°.2/28.5 17

4 21	16 51.43	−22 39.0	2.303	3.113	12.8	22.5
5 1	16 45.92	−22 34.7	2.206	3.106	9.9	22.3
5 11	16 38.26	−22 25.8	2.132	3.098	6.6	22.1
5 21	16 29.01	−22 12.2	2.085	3.089	2.9	21.8
5 31	16 19.00	−21 54.5	2.067	3.080	1.0	21.7
6 10	16 9.18	−21 34.7	2.077	3.069	4.9	21.9
6 20	16 0.43	−21 15.0	2.115	3.058	8.5	22.1
6 30	15 53.49	−20 58.3	2.178	3.046	11.8	22.3

173882 2001 UU_{48} 5 28.4 139°.36 0°.8/28.7 18

4 21	16 49.50	−23 10.9	2.597	3.404	11.6	20.4
5 1	16 44.11	−23 32.8	2.515	3.413	9.0	20.3
5 11	16 36.89	−23 51.6	2.457	3.421	6.0	20.1
5 21	16 28.36	−24 6.3	2.426	3.429	2.7	19.9
5 31	16 19.25	−24 16.8	2.425	3.437	1.1	19.8
6 10	16 10.38	−24 23.7	2.452	3.444	4.2	20.0
6 20	16 2.48	−24 28.2	2.507	3.451	7.3	20.2
6 30	15 56.16	−24 32.2	2.588	3.458	10.1	20.4

152432 2005 UZ_{414} 5 28.4 60°.57 1°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.68	−19 18.8	2.261	3.087	12.5	20.2
5 1	16 41.34	−19 8.4	2.185	3.094	9.6	20.0
5 11	16 35.13	−18 55.8	2.132	3.102	6.3	19.8
5 21	16 27.60	−18 41.7	2.104	3.109	2.8	19.6
5 31	16 19.53	−18 27.6	2.105	3.117	1.5	19.5
6 10	16 11.77	−18 15.2	2.133	3.124	4.9	19.7
6 20	16 5.05	−18 6.3	2.188	3.132	8.2	20.0
6 30	15 59.98	−18 2.5	2.267	3.140	11.2	20.2

479120 2013 BU_{20} 5 28.4 296°.98 5°.2/30.7 16

4 21	16 49.47	−36 46.7	2.246	3.030	13.8	21.5
5 1	16 44.77	−37 14.5	2.158	3.028	11.4	21.3
5 11	16 37.67	−37 30.2	2.091	3.025	8.8	21.1
5 21	16 28.80	−37 30.8	2.049	3.023	6.3	20.9
5 31	16 19.09	−37 14.9	2.032	3.021	5.2	20.9
6 10	16 9.68	−36 43.9	2.043	3.019	6.4	20.9
6 20	16 1.57	−36 1.3	2.079	3.017	9.0	21.1
6 30	15 55.54	−35 12.3	2.139	3.015	11.7	21.3

134062 2004 XH_{48} 5 28.4 303°.20 0°.1/28.4 17

4 21	16 47.34	−23 28.3	1.837	2.668	14.7	20.2
5 1	16 43.20	−23 5.3	1.753	2.664	11.4	19.9
5 11	16 36.66	−22 35.2	1.690	2.660	7.6	19.7
5 21	16 28.35	−21 58.6	1.651	2.656	3.3	19.4
5 31	16 19.26	−21 17.5	1.640	2.653	1.2	19.3
6 10	16 10.50	−20 35.5	1.655	2.649	5.6	19.6
6 20	16 3.06	−19 56.4	1.696	2.646	9.8	19.8
6 30	15 57.72	−19 23.9	1.759	2.642	13.4	20.0

45107 1999 XA_{75} 5 28.4 301°.52 0°.9/28.2 18

4 21	16 48.12	−19 49.2	1.427	2.275	17.2	18.7
5 1	16 44.85	−19 48.0	1.328	2.249	13.6	18.4
5 11	16 38.42	−19 43.8	1.249	2.224	9.1	18.0
5 21	16 29.39	−19 37.1	1.192	2.198	4.1	17.7
5 31	16 18.83	−19 28.8	1.160	2.173	1.9	17.4
6 10	16 8.25	−19 21.3	1.152	2.148	7.3	17.7
6 20	15 59.10	−19 17.5	1.168	2.123	12.7	17.9
6 30	15 52.63	−19 20.6	1.204	2.098	17.5	18.1

418161 2008 AU_{107} 5 28.4 100°.92 2°.1/27.7 17

4 21	16 51.40	−17 29.5	1.636	2.470	16.0	21.7
5 1	16 46.30	−17 10.5	1.571	2.484	12.4	21.5
5 11	16 38.64	−16 50.1	1.528	2.499	8.2	21.3
5 21	16 29.17	−16 29.8	1.509	2.513	3.8	21.1
5 31	16 19.01	−16 11.7	1.516	2.526	2.6	21.0
6 10	16 9.39	−15 58.4	1.550	2.540	6.6	21.3
6 20	16 1.34	−15 52.0	1.609	2.553	10.7	21.5
6 30	15 55.60	−15 54.2	1.691	2.566	14.3	21.8

304555 2006 UC_{336} 5 28.4 40°.98 2°.2/29.1 17

4 21	16 48.80	−26 10.5	1.978	2.797	14.2	20.4
5 1	16 44.22	−26 42.5	1.903	2.805	11.1	20.2
5 11	16 37.27	−27 8.9	1.850	2.814	7.6	20.0
5 21	16 28.62	−27 28.0	1.823	2.823	4.0	19.8
5 31	16 19.19	−27 38.8	1.822	2.832	2.3	19.7
6 10	16 10.10	−27 42.1	1.848	2.841	5.3	19.9
6 20	16 2.30	−27 40.2	1.901	2.851	8.9	20.2
6 30	15 56.57	−27 36.1	1.977	2.860	12.1	20.4

234022 1998 RR_{44} 5 28.4 285°.49 7°.4/24.9 16

4 21	16 45.68	− 4 10.5	1.932	2.756	14.3	20.1
5 1	16 41.76	− 3 9.7	1.842	2.738	11.8	19.9
5 11	16 35.68	− 2 14.9	1.773	2.719	9.3	19.7
5 21	16 27.96	− 1 31.1	1.729	2.700	7.6	19.6
5 31	16 19.42	− 1 3.2	1.710	2.681	7.8	19.6
6 10	16 11.01	− 0 54.4	1.716	2.662	9.9	19.6
6 20	16 3.65	− 1 5.7	1.745	2.643	12.8	19.8
6 30	15 58.09	− 1 36.2	1.796	2.624	15.6	19.9

105856 2000 SH_{167} 5 28.4 287°.85 2°.6/26.8 18

4 21	16 45.30	−17 46.3	2.192	3.020	12.7	19.3
5 1	16 41.27	−16 46.4	2.090	3.000	9.9	19.0
5 11	16 35.24	−15 41.4	2.011	2.980	6.7	18.8
5 21	16 27.74	−14 33.7	1.958	2.960	3.5	18.6
5 31	16 19.51	−13 27.4	1.934	2.939	3.1	18.5
6 10	16 11.45	−12 26.5	1.937	2.919	6.2	18.6
6 20	16 4.38	−11 35.0	1.967	2.899	9.7	18.8
6 30	15 58.99	−10 55.6	2.020	2.878	13.0	19.0

271766 2004 SV_{35} 5 28.4 31°.84 4°.6/30.2 17

4 21	16 49.90	−33 14.5	1.611	2.428	17.1	20.4
5 1	16 45.75	−33 29.8	1.537	2.432	13.8	20.2
5 11	16 38.60	−33 30.9	1.483	2.436	10.0	19.9
5 21	16 29.27	−33 15.2	1.451	2.441	6.4	19.7
5 31	16 18.99	−32 42.0	1.444	2.446	4.6	19.6
6 10	16 9.23	−31 54.5	1.462	2.452	6.9	19.8
6 20	16 1.22	−30 58.4	1.505	2.458	10.6	20.0
6 30	15 55.88	−30 0.5	1.570	2.464	14.2	20.2

9568 1988 AX_4 5 28.4 274°.84 4°.1/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.88	−14 14.4	1.666	2.506	15.5	18.1
5 1	16 43.89	−13 29.7	1.575	2.490	12.2	17.8
5 11	16 37.30	−12 43.7	1.505	2.474	8.5	17.5
5 21	16 28.73	−11 59.7	1.459	2.458	4.9	17.3
5 31	16 19.15	−11 21.9	1.439	2.442	4.5	17.2
6 10	16 9.75	−10 54.2	1.444	2.425	8.0	17.4
6 20	16 1.64	−10 39.5	1.474	2.409	12.1	17.6
6 30	15 55.73	−10 39.5	1.525	2.392	16.0	17.8

424421 2008 AR_{93} 5 28.4 83°.53 1°.3/28.1 17

4 21	16 51.79	−18 22.3	1.537	2.374	16.7	21.7
5 1	16 46.84	−18 23.3	1.472	2.387	12.9	21.5
5 11	16 39.12	−18 23.0	1.429	2.401	8.5	21.3
5 21	16 29.43	−18 22.1	1.409	2.414	3.8	21.0
5 31	16 18.95	−18 21.3	1.416	2.428	2.0	20.9
6 10	16 9.00	−18 22.6	1.448	2.441	6.5	21.2
6 20	16 0.72	−18 27.8	1.505	2.454	10.9	21.5
6 30	15 54.92	−18 38.6	1.584	2.467	14.7	21.8

356296 2010 FQ_{13} 5 28.4 343°.70 4°.0/27.2 17

4 21	16 42.97	−16 34.3	1.011	1.890	20.3	20.8
5 1	16 41.41	−15 54.3	0.943	1.880	15.9	20.5
5 11	16 36.32	−15 11.1	0.891	1.871	10.8	20.2
5 21	16 28.47	−14 29.1	0.859	1.863	5.6	19.9
5 31	16 19.25	−13 53.8	0.848	1.857	4.7	19.8
6 10	16 10.43	−13 30.8	0.859	1.852	9.6	20.0
6 20	16 3.60	−13 23.8	0.889	1.848	15.1	20.3
6 30	15 59.92	−13 34.4	0.936	1.845	19.9	20.6

309679 2008 EG_{108} 5 28.4 283°.96 5°.2/25.9 16

4 21	16 44.48	− 7 45.8	2.240	3.064	12.6	21.2
5 1	16 40.43	− 7 1.5	2.157	3.058	10.1	21.0
5 11	16 34.57	− 6 21.3	2.098	3.052	7.5	20.9
5 21	16 27.41	− 5 48.4	2.063	3.046	5.5	20.7
5 31	16 19.65	− 5 26.1	2.056	3.041	5.5	20.7
6 10	16 12.12	− 5 16.6	2.075	3.035	7.5	20.8
6 20	16 5.53	− 5 20.8	2.119	3.029	10.2	21.0
6 30	16 0.49	− 5 38.5	2.186	3.024	12.9	21.2

465215 2007 RB_{31} 5 28.4 208°.99 4°.6/26.3 16

4 21	16 50.87	−12 13.2	1.925	2.749	14.4	21.8
5 1	16 45.69	−11 15.0	1.838	2.743	11.3	21.6
5 11	16 38.21	−10 16.6	1.774	2.736	8.0	21.4
5 21	16 29.04	− 9 21.7	1.735	2.728	5.2	21.2
5 31	16 19.08	− 8 34.5	1.723	2.719	5.1	21.2
6 10	16 9.39	− 7 59.0	1.739	2.709	7.9	21.3
6 20	16 0.91	− 7 37.6	1.780	2.699	11.4	21.5
6 30	15 54.42	− 7 31.6	1.844	2.687	14.6	21.7

413032 2000 XF_{27} 5 28.4 202°.06 1°.3/28.8 16

4 21	16 54.66	−24 28.2	2.048	2.857	14.2	22.1
5 1	16 48.79	−24 49.0	1.955	2.852	11.1	21.9
5 11	16 40.38	−25 5.2	1.884	2.847	7.5	21.7
5 21	16 30.04	−25 15.2	1.838	2.840	3.6	21.4
5 31	16 18.72	−25 18.2	1.821	2.833	1.6	21.3
6 10	16 7.59	−25 15.0	1.833	2.825	5.4	21.5
6 20	15 57.72	−25 8.0	1.871	2.816	9.3	21.7
6 30	15 50.00	−25 0.4	1.934	2.807	12.9	21.9

178597 2000 BF_9 5 28.4 129°.38 0°.1/28.4 17

4 21	16 51.77	−22 41.8	1.844	2.666	15.0	21.1
5 1	16 46.46	−22 30.8	1.771	2.678	11.6	20.9
5 11	16 38.70	−22 14.2	1.720	2.689	7.7	20.7
5 21	16 29.22	−21 52.3	1.694	2.699	3.3	20.4
5 31	16 19.05	−21 26.5	1.696	2.709	1.2	20.3
6 10	16 9.34	−20 59.4	1.725	2.718	5.5	20.6
6 20	16 1.08	−20 34.4	1.780	2.727	9.6	20.9
6 30	15 55.01	−20 14.6	1.859	2.736	13.1	21.1

397729 2008 EL_{69} 5 28.4 93°.46 1°.7/27.9 17

4 21	16 48.25	−15 24.7	2.287	3.107	12.5	21.0
5 1	16 43.30	−15 35.3	2.209	3.114	9.7	20.8
5 11	16 36.45	−15 47.4	2.154	3.121	6.4	20.6
5 21	16 28.22	−16 1.4	2.125	3.128	3.1	20.4
5 31	16 19.40	−16 17.7	2.125	3.135	2.1	20.4
6 10	16 10.83	−16 36.8	2.153	3.141	5.1	20.6
6 20	16 3.30	−16 59.2	2.208	3.148	8.4	20.8
6 30	15 57.43	−17 25.5	2.288	3.154	11.4	21.0

494373 2016 UQ_{28} 5 28.4 196°.21 7°.1/30.9 18

4 21	16 54.56	−42 35.5	2.612	3.355	13.1	21.2
5 1	16 48.78	−43 43.5	2.523	3.353	11.3	21.0
5 11	16 40.44	−44 39.6	2.456	3.352	9.3	20.9
5 21	16 30.10	−45 19.3	2.413	3.350	7.7	20.8
5 31	16 18.71	−45 39.3	2.396	3.348	7.1	20.7
6 10	16 7.44	−45 39.1	2.405	3.346	7.7	20.8
6 20	15 57.40	−45 21.2	2.440	3.343	9.4	20.9
6 30	15 49.50	−44 50.3	2.499	3.341	11.3	21.0

122383 2000 QW_{70} 5 28.4 286°.60 4°.7/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.73	−12 13.7	1.802	2.636	14.8	20.2
5 1	16 43.73	−11 28.7	1.697	2.608	11.8	19.9
5 11	16 37.23	−10 43.5	1.613	2.578	8.4	19.7
5 21	16 28.76	−10 1.6	1.554	2.549	5.3	19.4
5 31	16 19.17	− 9 27.1	1.520	2.519	5.1	19.3
6 10	16 9.59	− 9 3.9	1.513	2.489	8.3	19.5
6 20	16 1.10	− 8 54.7	1.530	2.458	12.2	19.6
6 30	15 54.63	− 9 0.9	1.569	2.428	16.0	19.8

42591 1997 GE_{42} 5 28.4 335°.23 1°.3/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.41	−18 33.8	1.534	2.382	16.2	18.7
5 1	16 42.26	−18 32.4	1.449	2.371	12.6	18.4
5 11	16 36.38	−18 29.6	1.385	2.360	8.4	18.2
5 21	16 28.39	−18 26.1	1.344	2.349	3.8	17.8
5 31	16 19.33	−18 23.3	1.328	2.340	2.0	17.7
6 10	16 10.50	−18 23.2	1.336	2.331	6.7	18.0
6 20	16 3.07	−18 27.8	1.369	2.323	11.3	18.2
6 30	15 58.00	−18 39.0	1.423	2.316	15.4	18.4

170788 2004 CC_{121} 5 28.4 276°.99 1°.0/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.64	−19 55.5	2.078	2.906	13.3	20.6
5 1	16 42.38	−19 40.0	1.991	2.902	10.3	20.4
5 11	16 36.01	−19 21.3	1.927	2.897	6.8	20.1
5 21	16 28.10	−19 0.1	1.888	2.893	3.0	19.9
5 31	16 19.48	−18 38.2	1.877	2.889	1.6	19.8
6 10	16 11.11	−18 17.8	1.893	2.884	5.3	20.0
6 20	16 3.86	−18 1.4	1.935	2.880	9.1	20.2
6 30	15 58.42	−17 51.0	2.000	2.876	12.4	20.4

488189 2015 XN_{167} 5 28.4 250°.07 4°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 43.91	−44 42.1	4.634	5.352	8.1	21.4
5 1	16 39.31	−44 42.4	4.535	5.348	6.9	21.3
5 11	16 33.50	−44 32.9	4.458	5.344	5.7	21.2
5 21	16 26.87	−44 12.8	4.407	5.341	4.6	21.2
5 31	16 19.93	−43 41.8	4.383	5.337	4.1	21.1
6 10	16 13.21	−43 0.9	4.387	5.333	4.4	21.1
6 20	16 7.17	−42 11.9	4.419	5.329	5.3	21.2
6 30	16 2.21	−41 17.3	4.477	5.325	6.6	21.3

8542 1993 VB_{2} 5 28.4 193°.48 0°.1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.59	−22 56.6	1.686	2.514	15.9	18.1
5 1	16 46.74	−22 41.7	1.603	2.513	12.4	17.9
5 11	16 39.15	−22 20.2	1.542	2.512	8.2	17.6
5 21	16 29.54	−21 52.2	1.505	2.510	3.6	17.3
5 31	16 19.01	−21 19.5	1.495	2.508	1.3	17.1
6 10	16 8.85	−20 45.3	1.511	2.505	6.1	17.5
6 20	16 0.20	−20 13.4	1.553	2.502	10.5	17.7
6 30	15 53.95	−19 47.9	1.617	2.499	14.5	17.9

403292 2009 BW_{96} 5 28.4 73°.70 5°.2/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.14	−32 36.3	1.418	2.239	18.7	20.7
5 1	16 48.77	−33 7.3	1.344	2.242	15.1	20.4
5 11	16 40.92	−33 24.6	1.290	2.245	11.1	20.2
5 21	16 30.42	−33 24.1	1.257	2.248	7.0	20.0
5 31	16 18.70	−33 3.6	1.248	2.251	5.2	19.9
6 10	16 7.51	−32 25.8	1.264	2.254	7.7	20.0
6 20	15 58.34	−31 36.7	1.304	2.257	11.8	20.3
6 30	15 52.28	−30 44.1	1.364	2.260	15.8	20.5

14772 4195 T_{-1} 5 28.4 8°.31 0°.9/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.39	−19 41.0	1.990	2.819	13.8	18.5
5 1	16 43.03	−19 34.6	1.908	2.819	10.7	18.3
5 11	16 36.47	−19 25.6	1.848	2.819	7.0	18.1
5 21	16 28.32	−19 14.7	1.814	2.819	3.1	17.9
5 31	16 19.45	−19 3.1	1.807	2.819	1.5	17.7
6 10	16 10.86	−18 52.7	1.827	2.819	5.4	18.0
6 20	16 3.45	−18 45.5	1.873	2.820	9.2	18.2
6 30	15 57.95	−18 43.5	1.943	2.820	12.6	18.4

249184 2008 CH_{126} 5 28.4 228°.59 1°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.54	−25 21.5	2.005	2.817	14.3	21.7
5 1	16 47.25	−25 17.2	1.905	2.805	11.2	21.4
5 11	16 39.43	−25 5.7	1.828	2.792	7.6	21.2
5 21	16 29.68	−24 46.1	1.775	2.778	3.6	20.9
5 31	16 18.95	−24 19.0	1.751	2.763	1.4	20.7
6 10	16 8.40	−23 46.6	1.754	2.748	5.5	21.0
6 20	15 59.11	−23 12.5	1.785	2.732	9.6	21.2
6 30	15 51.95	−22 40.8	1.839	2.715	13.3	21.4

415112 2012 CZ_{47} 5 28.4 76°.96 0°.6/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.99	−22 55.6	1.503	2.339	17.1	21.4
5 1	16 47.18	−23 4.3	1.439	2.352	13.3	21.2
5 11	16 39.46	−23 7.7	1.395	2.365	8.8	21.0
5 21	16 29.66	−23 5.1	1.374	2.379	3.9	20.7
5 31	16 19.01	−22 56.9	1.379	2.392	1.4	20.6
6 10	16 8.92	−22 45.3	1.410	2.405	6.2	20.9
6 20	16 0.59	−22 33.5	1.465	2.419	10.7	21.2
6 30	15 54.86	−22 25.1	1.543	2.432	14.6	21.5

307989 2004 RE_{3} 5 28.4 327°.34 3°.6/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.06	−35 44.2	2.062	2.857	14.5	19.5
5 1	16 43.74	−35 7.5	1.965	2.846	11.8	19.3
5 11	16 37.00	−34 13.5	1.889	2.836	8.7	19.0
5 21	16 28.55	−33 1.3	1.837	2.827	5.4	18.8
5 31	16 19.39	−31 32.5	1.813	2.817	3.6	18.7
6 10	16 10.67	−29 51.7	1.817	2.808	5.6	18.8
6 20	16 3.34	−28 5.8	1.848	2.800	9.0	19.0
6 30	15 58.14	−26 22.1	1.904	2.792	12.3	19.2

67757 2000 UA_{52} 5 28.4 254°.50 1°.0/28.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.22	−21 44.8	1.621	2.455	16.1	20.2
5 1	16 45.89	−21 11.7	1.529	2.443	12.6	19.9
5 11	16 38.74	−20 31.1	1.459	2.430	8.4	19.6
5 21	16 29.44	−19 44.1	1.412	2.417	3.7	19.3
5 31	16 19.07	−18 53.4	1.391	2.403	1.8	19.1
6 10	16 8.95	−18 3.7	1.397	2.390	6.7	19.4
6 20	16 0.30	−17 19.7	1.427	2.375	11.4	19.7
6 30	15 54.07	−16 45.7	1.480	2.361	15.6	19.9

296500 2009 JZ_{15} 5 28.4 22°.31 4°.4/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.44	−11 15.2	2.098	2.930	13.1	20.6
5 1	16 40.50	−10 23.2	2.023	2.931	10.3	20.4
5 11	16 34.67	− 9 32.8	1.971	2.933	7.3	20.2
5 21	16 27.51	− 8 47.4	1.944	2.935	4.9	20.1
5 31	16 19.79	− 8 10.6	1.944	2.938	4.8	20.1
6 10	16 12.37	− 7 45.3	1.970	2.940	7.2	20.2
6 20	16 6.00	− 7 32.9	2.022	2.942	10.1	20.4
6 30	16 1.29	− 7 34.0	2.096	2.945	12.9	20.6

211970 2005 AQ_{17} 5 28.4 201°.57 1°.8/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.38	−17 53.9	1.923	2.745	14.5	21.7
5 1	16 47.00	−17 37.0	1.835	2.741	11.3	21.5
5 11	16 39.18	−17 17.9	1.768	2.736	7.5	21.3
5 21	16 29.55	−16 57.9	1.728	2.731	3.5	21.0
5 31	16 19.06	−16 38.6	1.714	2.725	2.3	20.9
6 10	16 8.83	−16 22.4	1.729	2.717	6.1	21.1
6 20	15 59.86	−16 11.7	1.770	2.710	10.1	21.4
6 30	15 52.99	−16 8.6	1.834	2.701	13.7	21.6

142418 2002 SN_{33} 5 28.4 233°.40 1°.8/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.74	−19 16.1	1.867	2.695	14.6	20.8
5 1	16 45.06	−18 41.0	1.775	2.686	11.3	20.6
5 11	16 37.96	−18 1.3	1.706	2.676	7.6	20.3
5 21	16 29.04	−17 18.4	1.661	2.665	3.5	20.1
5 31	16 19.24	−16 35.4	1.644	2.654	2.3	20.0
6 10	16 9.70	−15 55.7	1.654	2.643	6.3	20.2
6 20	16 1.42	−15 23.1	1.690	2.631	10.4	20.4
6 30	15 55.22	−15 0.3	1.748	2.619	14.1	20.6

343164 2009 QQ_{48} 5 28.4 202°.52 15°.9/ 1.9 12 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 7.13	−52 23.3	1.423	2.155	22.7	21.0
5 1	17 2.20	−54 25.9	1.352	2.154	20.6	20.8
5 11	16 51.47	−56 5.3	1.296	2.152	18.5	20.7
5 21	16 35.61	−57 8.0	1.258	2.149	16.8	20.6
5 31	16 16.85	−57 22.1	1.239	2.146	16.0	20.5
6 10	15 58.56	−56 45.0	1.239	2.143	16.3	20.5
6 20	15 43.89	−55 24.3	1.259	2.139	17.8	20.6
6 30	15 34.72	−53 34.9	1.297	2.135	19.9	20.7

11079 Mitsunori 5 28.4 208°.60 5°.2/26.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.05	− 6 17.6	2.316	3.126	12.7	17.8
5 1	16 43.92	− 5 48.8	2.229	3.121	10.2	17.7
5 11	16 36.90	− 5 25.7	2.165	3.114	7.6	17.5
5 21	16 28.49	− 5 11.0	2.127	3.107	5.6	17.4
5 31	16 19.45	− 5 7.4	2.116	3.100	5.5	17.3
6 10	16 10.59	− 5 16.2	2.133	3.091	7.5	17.4
6 20	16 2.69	− 5 37.7	2.176	3.083	10.2	17.6
6 30	15 56.39	− 6 11.2	2.242	3.073	12.8	17.7

436826 2012 RX_{35} 5 28.4 292°.39 1°.5/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.82	−19 17.2	1.898	2.731	14.2	21.5
5 1	16 42.72	−18 50.4	1.813	2.726	11.0	21.3
5 11	16 36.35	−18 19.7	1.750	2.721	7.3	21.0
5 21	16 28.31	−17 46.9	1.712	2.716	3.3	20.8
5 31	16 19.51	−17 14.2	1.701	2.711	2.1	20.7
6 10	16 10.99	−16 44.6	1.716	2.707	5.9	20.9
6 20	16 3.69	−16 21.2	1.757	2.702	9.9	21.1
6 30	15 58.35	−16 6.3	1.821	2.697	13.4	21.3

200866 2001 YA_{80} 5 28.4 103°.96 0°.8/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.07	−24 22.9	1.545	2.373	17.1	21.1
5 1	16 48.67	−24 18.4	1.481	2.390	13.3	20.9
5 11	16 40.37	−24 6.5	1.438	2.407	8.8	20.7
5 21	16 30.04	−23 46.6	1.419	2.423	4.0	20.4
5 31	16 18.94	−23 20.0	1.425	2.438	1.4	20.3
6 10	16 8.49	−22 49.9	1.458	2.453	6.1	20.6
6 20	15 59.84	−22 20.6	1.517	2.468	10.6	20.9
6 30	15 53.82	−21 56.1	1.597	2.482	14.4	21.2

98028 2000 RJ_5 5 28.4 271°.30 6°.0/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.57	−33 40.1	1.549	2.361	17.8	19.7
5 1	16 49.28	−34 27.0	1.456	2.346	14.7	19.5
5 11	16 41.49	−35 2.4	1.382	2.332	11.0	19.2
5 21	16 30.84	−35 21.0	1.331	2.316	7.5	19.0
5 31	16 18.58	−35 18.8	1.303	2.301	6.0	18.9
6 10	16 6.44	−34 55.8	1.301	2.285	8.3	18.9
6 20	15 56.05	−34 16.8	1.322	2.270	12.2	19.1
6 30	15 48.72	−33 29.3	1.365	2.254	16.1	19.3

507498 2012 UM_{91} 5 28.4 152°.23 1°.7/29.1 17

4 21	16 49.34	−26 14.5	2.076	2.892	13.8	22.1
5 1	16 44.59	−26 27.5	1.993	2.893	10.8	21.9
5 11	16 37.54	−26 34.1	1.932	2.895	7.4	21.7
5 21	16 28.83	−26 33.3	1.896	2.897	3.7	21.4
5 31	16 19.35	−26 24.9	1.887	2.898	1.9	21.3
6 10	16 10.15	−26 10.5	1.906	2.899	5.1	21.5
6 20	16 2.19	−25 52.7	1.951	2.901	8.7	21.8
6 30	15 56.21	−25 34.9	2.020	2.902	12.0	22.0

317130 2001 UE_{63} 5 28.4 278°.50 4°.2/29.2 18

4 21	16 54.05	−28 27.8	1.480	2.305	17.9	20.9
5 1	16 49.85	−29 16.0	1.378	2.281	14.5	20.6
5 11	16 42.06	−29 58.4	1.296	2.257	10.4	20.3
5 21	16 31.19	−30 30.4	1.236	2.233	6.1	20.0
5 31	16 18.42	−30 47.8	1.201	2.208	4.3	19.8
6 10	16 5.48	−30 49.6	1.191	2.182	7.8	19.9
6 20	15 54.11	−30 38.5	1.205	2.157	12.7	20.1
6 30	15 45.78	−30 20.7	1.240	2.131	17.3	20.3

490837 2010 WY_{22} 5 28.4 226°.25 0°.2/28.5 17

4 21	16 51.60	−23 1.0	1.940	2.760	14.4	23.3
5 1	16 46.54	−22 53.9	1.845	2.750	11.3	23.0
5 11	16 38.97	−22 41.2	1.772	2.740	7.6	22.8
5 21	16 29.51	−22 22.6	1.724	2.729	3.3	22.5
5 31	16 19.10	−21 59.1	1.704	2.717	1.1	22.3
6 10	16 8.89	−21 33.0	1.711	2.705	5.6	22.6
6 20	15 59.95	−21 7.5	1.745	2.692	9.8	22.8
6 30	15 53.13	−20 46.1	1.802	2.678	13.5	23.0

277408 2005 UH_{212} 5 28.4 283°.76 1°.1/28.1 18

4 21	16 48.19	−20 14.8	1.695	2.532	15.4	20.9
5 1	16 44.21	−19 57.9	1.604	2.519	12.1	20.7
5 11	16 37.59	−19 36.5	1.533	2.505	8.0	20.4
5 21	16 28.96	−19 11.6	1.487	2.492	3.6	20.1
5 31	16 19.29	−18 45.2	1.467	2.479	1.8	19.9
6 10	16 9.82	−18 20.2	1.472	2.465	6.4	20.2
6 20	16 1.69	−17 59.9	1.503	2.452	10.8	20.4
6 30	15 55.81	−17 47.3	1.556	2.439	14.8	20.6

496896 2001 AT_{47} 5 28.4 194°.59 7°.9/ 2.6 18

4 21	17 2.73	−52 57.6	3.273	3.932	12.1	22.9
5 1	16 54.83	−53 38.2	3.176	3.928	10.9	22.8
5 11	16 44.27	−54 3.1	3.099	3.924	9.6	22.7
5 21	16 31.74	−54 7.9	3.045	3.918	8.5	22.6
5 31	16 18.35	−53 49.7	3.015	3.912	7.9	22.5
6 10	16 5.33	−53 8.9	3.013	3.905	8.1	22.5
6 20	15 53.82	−52 8.7	3.036	3.897	9.0	22.6
6 30	15 44.66	−50 54.5	3.083	3.888	10.3	22.7

282253 2002 GM_{183} 5 28.4 56°.23 4°.7/26.3 17

4 21	16 46.54	−12 47.1	1.739	2.578	15.0	20.5
5 1	16 42.45	−11 45.7	1.671	2.584	11.8	20.3
5 11	16 36.10	−10 44.8	1.625	2.591	8.2	20.1
5 21	16 28.17	− 9 48.5	1.603	2.597	5.2	19.9
5 31	16 19.61	− 9 1.4	1.607	2.604	5.1	19.9
6 10	16 11.47	− 8 27.3	1.637	2.611	7.9	20.1
6 20	16 4.64	− 8 8.4	1.691	2.618	11.4	20.3
6 30	15 59.83	− 8 5.1	1.767	2.625	14.6	20.5

94143 2000 YO_{139} 5 28.4 148°.63 3°.2/30.4 18

4 21	16 52.28	−34 0.5	2.423	3.206	13.0	19.7
5 1	16 46.46	−33 47.1	2.340	3.215	10.4	19.5
5 11	16 38.54	−33 21.5	2.279	3.224	7.5	19.4
5 21	16 29.17	−32 42.6	2.244	3.232	4.7	19.2
5 31	16 19.28	−31 51.1	2.237	3.240	3.2	19.1
6 10	16 9.83	−30 50.0	2.260	3.247	5.0	19.2
6 20	16 1.68	−29 43.7	2.310	3.254	7.9	19.4
6 30	15 55.44	−28 37.3	2.386	3.260	10.7	19.6

7541 Nieuwenhuis 5 28.4 275°.27 2°.9/27.3 18

4 21	16 47.08	−15 39.4	1.893	2.727	14.2	18.6
5 1	16 42.97	−15 8.3	1.803	2.715	11.1	18.3
5 11	16 36.57	−14 36.1	1.734	2.703	7.5	18.1
5 21	16 28.45	−14 4.8	1.690	2.691	4.0	17.9
5 31	16 19.49	−13 37.4	1.673	2.679	3.3	17.8
6 10	16 10.73	−13 16.8	1.682	2.667	6.7	18.0
6 20	16 3.13	−13 5.2	1.717	2.655	10.5	18.2
6 30	15 57.47	−13 4.3	1.774	2.643	14.0	18.4

158834 2004 EV_{35} 5 28.4 99°.62 17°.5/19.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.76	+ 4 47.1	1.056	1.895	22.6	19.5
5 1	16 46.03	+ 8 2.7	1.016	1.901	20.0	19.3
5 11	16 38.97	+10 58.3	0.994	1.906	18.1	19.2
5 21	16 29.53	+13 17.6	0.991	1.912	17.6	19.2
5 31	16 19.17	+14 47.5	1.007	1.917	18.5	19.3
6 10	16 9.53	+15 23.3	1.041	1.923	20.5	19.4
6 20	16 1.94	+15 8.2	1.089	1.928	22.8	19.6
6 30	15 57.29	+14 10.4	1.151	1.933	25.2	19.8

9236 Obermair 5 28.4 30°.45 5°.4/26.7 18

4 21	16 47.17	−12 14.5	1.359	2.211	17.7	18.5
5 1	16 43.56	−11 23.3	1.296	2.216	13.9	18.3
5 11	16 37.15	−10 34.2	1.252	2.222	9.7	18.1
5 21	16 28.71	− 9 52.0	1.231	2.228	6.1	17.9
5 31	16 19.44	− 9 21.5	1.234	2.234	5.8	17.9
6 10	16 10.68	− 9 6.4	1.262	2.241	9.1	18.1
6 20	16 3.57	− 9 8.2	1.311	2.248	13.2	18.3
6 30	15 58.94	− 9 26.6	1.381	2.256	16.9	18.6

129082 Oliviabillett 5 28.4 315°.85 3°.0/29.3 18

4 21	16 46.72	−28 2.6	1.189	2.042	19.6	19.5
5 1	16 44.49	−28 11.3	1.102	2.023	15.7	19.2
5 11	16 38.58	−28 7.8	1.033	2.004	11.0	18.9
5 21	16 29.65	−27 49.3	0.984	1.986	5.8	18.5
5 31	16 19.04	−27 15.1	0.957	1.968	3.2	18.3
6 10	16 8.59	−26 28.7	0.953	1.951	7.8	18.5
6 20	16 0.08	−25 36.7	0.970	1.935	13.4	18.7
6 30	15 54.84	−24 47.1	1.007	1.920	18.5	19.0

205663 2001 XD_{169} 5 28.4 203°.96 0°.9/28.1 16

4 21	16 52.75	−20 24.9	1.780	2.605	15.3	21.2
5 1	16 47.53	−20 10.2	1.693	2.601	11.9	20.9
5 11	16 39.67	−19 51.2	1.627	2.597	7.9	20.7
5 21	16 29.82	−19 28.5	1.586	2.591	3.5	20.4
5 31	16 19.03	−19 3.8	1.573	2.585	1.7	20.3
6 10	16 8.53	−18 39.7	1.586	2.578	6.1	20.5
6 20	15 59.43	−18 19.5	1.626	2.571	10.5	20.8
6 30	15 52.61	−18 6.1	1.688	2.562	14.3	21.0

192268 2008 LD_{12} 5 28.4 130°.61 1°.4/27.4 18

4 21	16 38.96	−13 59.4	4.608	5.419	6.8	21.0
5 1	16 35.33	−13 53.6	4.522	5.422	5.2	20.9
5 11	16 30.85	−13 48.6	4.462	5.425	3.5	20.8
5 21	16 25.78	−13 44.9	4.429	5.428	1.9	20.6
5 31	16 20.46	−13 43.4	4.427	5.431	1.6	20.6
6 10	16 15.25	−13 44.6	4.453	5.434	3.1	20.7
6 20	16 10.47	−13 49.0	4.508	5.437	4.8	20.9
6 30	16 6.42	−13 57.1	4.590	5.440	6.4	21.0

351954 2006 TK_{88} 5 28.4 225°.58 3°.2/29.7 18

4 21	16 49.44	−30 43.3	2.354	3.153	12.9	21.7
5 1	16 44.58	−31 11.5	2.263	3.150	10.3	21.5
5 11	16 37.53	−31 31.9	2.195	3.146	7.4	21.3
5 21	16 28.86	−31 42.6	2.151	3.142	4.5	21.1
5 31	16 19.39	−31 42.3	2.136	3.139	3.3	21.1
6 10	16 10.11	−31 32.0	2.148	3.135	5.3	21.2
6 20	16 1.94	−31 14.1	2.187	3.131	8.2	21.4
6 30	15 55.63	−30 52.1	2.250	3.127	11.1	21.5

507793 2014 BO_{13} 5 28.4 209°.94 5°.4/31.2 17

4 21	16 53.29	−39 10.1	2.471	3.233	13.3	22.3
5 1	16 47.64	−39 31.6	2.374	3.227	11.1	22.1
5 11	16 39.58	−39 40.1	2.298	3.220	8.7	21.9
5 21	16 29.75	−39 32.4	2.247	3.213	6.5	21.8
5 31	16 19.08	−39 6.9	2.224	3.205	5.4	21.7
6 10	16 8.70	−38 25.0	2.227	3.197	6.4	21.8
6 20	15 59.60	−37 30.5	2.258	3.188	8.7	21.9
6 30	15 52.57	−36 28.8	2.313	3.179	11.3	22.0

253621 2003 UJ_{81} 5 28.4 206°.32 1°.5/27.9 17

4 21	16 52.19	−18 5.8	2.007	2.827	14.0	21.4
5 1	16 46.80	−17 56.0	1.916	2.821	10.9	21.1
5 11	16 39.05	−17 44.4	1.847	2.815	7.3	20.9
5 21	16 29.53	−17 31.8	1.805	2.808	3.3	20.7
5 31	16 19.16	−17 19.5	1.790	2.800	2.0	20.5
6 10	16 9.00	−17 9.5	1.803	2.792	5.8	20.8
6 20	16 0.04	−17 3.8	1.842	2.783	9.8	21.0
6 30	15 53.09	−17 4.3	1.906	2.773	13.3	21.2

338918 2004 EO_3 5 28.4 137°.46 2°.4/29.2 17

4 21	16 51.24	−27 1.9	2.242	3.047	13.2	20.6
5 1	16 45.97	−27 41.7	2.158	3.051	10.4	20.5
5 11	16 38.45	−28 16.4	2.097	3.055	7.2	20.3
5 21	16 29.26	−28 43.9	2.062	3.059	4.0	20.1
5 31	16 19.26	−29 2.7	2.054	3.062	2.5	20.0
6 10	16 9.48	−29 13.0	2.076	3.065	5.1	20.1
6 20	16 0.85	−29 16.6	2.124	3.069	8.4	20.4
6 30	15 54.14	−29 16.3	2.196	3.072	11.4	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
302817 2003 BH_{85}			5 28.4 114°.25		4°.1/30.6 18	
	h m	° ′			°	m
4 21	16 49.74	−35 3.0	2.338	3.124	13.3	20.8
5 1	16 44.75	−35 14.8	2.256	3.131	10.8	20.6
5 11	16 37.56	−35 14.8	2.197	3.137	8.0	20.5
5 21	16 28.82	−35 1.3	2.162	3.144	5.4	20.3
5 31	16 19.43	−34 33.8	2.154	3.150	4.1	20.2
6 10	16 10.41	−33 54.3	2.174	3.157	5.6	20.3
6 20	16 2.65	−33 6.6	2.221	3.163	8.2	20.5
6 30	15 56.84	−32 15.5	2.292	3.169	10.9	20.7
432017 2008 VU_{9}			5 28.4 23°.63		0°.3/28.5 17	
4 21	16 48.28	−21 43.1	1.615	2.453	16.0	21.0
5 1	16 44.26	−21 55.9	1.542	2.458	12.4	20.7
5 11	16 37.57	−22 5.3	1.491	2.462	8.2	20.5
5 21	16 28.92	−22 10.6	1.463	2.468	3.6	20.2
5 31	16 19.39	−22 12.2	1.460	2.473	1.2	20.1
6 10	16 10.23	−22 11.6	1.484	2.480	5.9	20.4
6 20	16 2.58	−22 11.0	1.532	2.486	10.3	20.7
6 30	15 57.28	−22 13.1	1.603	2.493	14.1	20.9
344677 2003 SY_{196}			5 28.4 318°.12		0°.5/28.2 16	
4 21	16 44.64	−24 44.5	1.496	2.342	16.7	20.4
5 1	16 41.99	−23 52.0	1.394	2.314	13.1	20.1
5 11	16 36.44	−22 45.1	1.312	2.286	8.8	19.8
5 21	16 28.58	−21 25.2	1.253	2.259	3.9	19.4
5 31	16 19.49	−19 56.2	1.219	2.232	1.6	19.2
6 10	16 10.55	−18 25.0	1.210	2.206	7.0	19.5
6 20	16 3.04	−16 59.4	1.225	2.180	12.2	19.7
6 30	15 58.04	−15 46.7	1.262	2.156	16.9	19.9
98386 2000 TR_{55}			5 28.4 280°.26		1°.4/28.2 18	
4 21	16 51.26	−16 8.1	1.802	2.631	15.0	19.4
5 1	16 46.51	−16 32.1	1.708	2.617	11.8	19.2
5 11	16 39.13	−16 59.1	1.635	2.604	7.9	18.9
5 21	16 29.69	−17 28.8	1.586	2.590	3.6	18.6
5 31	16 19.12	−18 0.9	1.565	2.577	2.0	18.5
6 10	16 8.61	−18 35.2	1.571	2.563	6.2	18.7
6 20	15 59.32	−19 11.9	1.603	2.550	10.5	18.9
6 30	15 52.20	−19 51.5	1.658	2.536	14.4	19.1
60557 2000 EW_{95}			5 28.4 334°.11		1°.2/28.7 17	
4 21	16 43.88	−22 54.6	1.023	1.897	20.5	19.1
5 1	16 42.56	−23 14.4	0.945	1.880	16.2	18.7
5 11	16 37.47	−23 29.1	0.885	1.864	11.0	18.4
5 21	16 29.24	−23 37.2	0.843	1.849	5.1	18.0
5 31	16 19.25	−23 38.2	0.823	1.836	1.9	17.7
6 10	16 9.43	−23 34.1	0.824	1.824	8.1	18.1
6 20	16 1.64	−23 28.5	0.845	1.814	14.2	18.3
6 30	15 57.28	−23 26.3	0.883	1.805	19.5	18.6
344665 2003 SH_{106}			5 28.4 267°.68		1°.4/27.7 17	
4 21	16 48.11	−20 40.1	2.115	2.939	13.3	21.4
5 1	16 43.65	−19 58.6	2.010	2.918	10.4	21.2
5 11	16 36.99	−19 10.8	1.927	2.896	6.9	20.9
5 21	16 28.67	−18 18.1	1.869	2.874	3.1	20.7
5 31	16 19.50	−17 23.3	1.840	2.851	1.9	20.5
6 10	16 10.46	−16 30.0	1.839	2.828	5.7	20.7
6 20	16 2.48	−15 42.4	1.864	2.805	9.6	20.9
6 30	15 56.33	−15 3.8	1.913	2.781	13.2	21.1
96730 1999 NL_{23}			5 28.4 301°.87		3°.7/27.2 18	
4 21	16 46.89	−13 54.8	1.659	2.500	15.5	19.2
5 1	16 43.33	−13 30.6	1.559	2.475	12.3	19.0
5 11	16 37.14	−13 7.1	1.481	2.451	8.5	18.7
5 21	16 28.85	−12 46.9	1.427	2.427	4.8	18.4
5 31	16 19.41	−12 33.0	1.397	2.403	4.1	18.3
6 10	16 10.00	−12 28.2	1.394	2.379	7.7	18.5
6 20	16 1.79	−12 34.6	1.414	2.355	12.1	18.6
6 30	15 55.76	−12 53.2	1.455	2.331	16.1	18.8
257954 2000 YY_{141}			5 28.4 29°.14		6°.0/30.0 16	
4 21	16 52.95	−32 42.3	1.350	2.176	19.3	20.7
5 1	16 48.92	−33 36.2	1.279	2.178	15.7	20.5
5 11	16 41.22	−34 17.6	1.227	2.182	11.6	20.2
5 21	16 30.70	−34 41.1	1.196	2.185	7.7	20.0
5 31	16 18.80	−34 43.2	1.189	2.189	6.0	20.0
6 10	16 7.38	−34 24.9	1.206	2.193	8.4	20.1
6 20	15 58.06	−33 51.5	1.245	2.197	12.4	20.3
6 30	15 52.01	−33 11.1	1.305	2.202	16.3	20.6
254572 2005 GX_{3}			5 28.4 267°.22		0°.1/28.5 18	
4 21	16 50.93	−21 13.7	1.555	2.391	16.6	20.2
5 1	16 46.54	−21 23.3	1.475	2.389	13.0	20.0
5 11	16 39.25	−21 29.6	1.415	2.386	8.6	19.7
5 21	16 29.74	−21 32.1	1.379	2.384	3.8	19.4
5 31	16 19.15	−21 31.0	1.368	2.381	1.3	19.2
6 10	16 8.87	−21 28.2	1.383	2.378	6.4	19.6
6 20	16 0.15	−21 25.9	1.423	2.376	11.0	19.8
6 30	15 53.96	−21 27.2	1.485	2.373	15.1	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
420821 2013 HV_{95}			5 28.4 298°.70		4°.2/29.3 17	
	h m	° ′			°	m
4 21	16 51.36	−28 8.5	1.337	2.174	18.7	21.3
5 1	16 47.90	−28 56.3	1.247	2.158	15.1	21.0
5 11	16 40.81	−29 37.3	1.177	2.142	10.8	20.7
5 21	16 30.67	−30 7.1	1.128	2.125	6.3	20.4
5 31	16 18.77	−30 22.0	1.102	2.109	4.3	20.2
6 10	16 6.91	−30 21.6	1.101	2.094	7.9	20.4
6 20	15 56.84	−30 9.3	1.122	2.078	12.9	20.6
6 30	15 49.97	−29 51.3	1.163	2.063	17.5	20.8
156358 2001 XF_{214}			5 28.4 176°.11		2°.3/27.4 17	
4 21	16 49.69	−15 27.1	2.449	3.263	12.0	21.4
5 1	16 44.30	−15 1.8	2.365	3.266	9.3	21.3
5 11	16 37.10	−14 36.0	2.304	3.269	6.2	21.1
5 21	16 28.62	−14 11.1	2.270	3.270	3.3	20.9
5 31	16 19.57	−13 49.2	2.265	3.271	2.7	20.8
6 10	16 10.78	−13 32.1	2.289	3.271	5.4	21.0
6 20	16 2.98	−13 21.7	2.340	3.270	8.5	21.2
6 30	15 56.77	−13 18.9	2.416	3.269	11.3	21.4
9492 Veltman			5 28.4 225°.35		2°.0/27.8 18	
4 21	16 52.33	−18 9.8	1.602	2.435	16.3	18.3
5 1	16 47.52	−17 49.9	1.515	2.427	12.8	18.1
5 11	16 39.86	−17 27.2	1.448	2.419	8.6	17.8
5 21	16 30.01	−17 3.0	1.406	2.410	4.0	17.5
5 31	16 19.06	−16 39.6	1.390	2.400	2.6	17.4
6 10	16 8.37	−16 20.0	1.400	2.390	7.0	17.6
6 20	15 59.16	−16 7.3	1.435	2.380	11.6	17.9
6 30	15 52.41	−16 4.0	1.492	2.369	15.7	18.1
172818 2004 HS_{58}			5 28.4 288°.57		0°.5/28.7 18	
4 21	16 43.78	−23 27.2	3.089	3.898	9.8	20.3
5 1	16 39.67	−23 31.4	2.981	3.881	7.7	20.2
5 11	16 34.05	−23 32.3	2.898	3.863	5.1	20.0
5 21	16 27.31	−23 29.7	2.842	3.845	2.3	19.8
5 31	16 20.02	−23 24.0	2.814	3.827	0.8	19.6
6 10	16 12.80	−23 16.1	2.816	3.809	3.7	19.8
6 20	16 6.26	−23 7.4	2.845	3.791	6.5	20.0
6 30	16 0.94	−22 59.7	2.900	3.773	9.0	20.1
31282 Nicoleticea			5 28.4 14°.88		1°.4/27.9 18	
4 21	16 45.11	−19 18.6	1.806	2.645	14.5	18.4
5 1	16 41.46	−18 58.8	1.732	2.648	11.2	18.2
5 11	16 35.55	−18 35.8	1.680	2.652	7.4	18.0
5 21	16 28.02	−18 11.2	1.652	2.656	3.3	17.7
5 31	16 19.80	−17 47.0	1.650	2.661	1.9	17.6
6 10	16 11.93	−17 26.1	1.674	2.667	5.8	17.9
6 20	16 5.34	−17 10.8	1.724	2.673	9.7	18.2
6 30	16 0.73	−17 3.2	1.796	2.679	13.2	18.4
496703 2016 EX_{154}			5 28.5 25°.72		4°.5/29.8 17	
4 21	16 48.70	−30 14.2	1.172	2.020	20.2	20.8
5 1	16 45.69	−30 43.8	1.114	2.029	16.1	20.5
5 11	16 39.04	−30 59.9	1.073	2.038	11.5	20.3
5 21	16 29.71	−30 59.1	1.052	2.049	6.7	20.1
5 31	16 19.24	−30 40.3	1.054	2.061	4.5	20.0
6 10	16 9.47	−30 7.0	1.079	2.074	7.7	20.2
6 20	16 1.92	−29 25.5	1.126	2.088	12.3	20.5
6 30	15 57.60	−28 43.3	1.193	2.102	16.5	20.8
410310 2007 TU_{402}			5 28.5 263°.02		3°.5/27.3 17	
4 21	16 50.04	−15 18.7	1.575	2.414	16.3	21.5
5 1	16 45.84	−14 46.2	1.484	2.399	12.8	21.2
5 11	16 38.82	−14 12.3	1.413	2.383	8.8	20.9
5 21	16 29.61	−13 39.9	1.366	2.368	4.7	20.7
5 31	16 19.24	−13 12.2	1.345	2.351	4.0	20.6
6 10	16 9.04	−12 52.8	1.349	2.335	7.9	20.7
6 20	16 0.22	−12 44.7	1.377	2.318	12.4	21.0
6 30	15 53.79	−12 49.4	1.427	2.301	16.5	21.2
200280 1999 XF_{244}			5 28.5 219°.61		2°.9/27.7 18	
4 21	16 50.57	−12 16.4	2.226	3.042	12.9	20.4
5 1	16 45.31	−12 21.1	2.134	3.035	10.2	20.2
5 11	16 37.97	−12 29.4	2.066	3.029	7.0	20.0
5 21	16 29.09	−12 42.3	2.023	3.022	3.9	19.8
5 31	16 19.44	−13 0.7	2.009	3.014	3.2	19.7
6 10	16 9.95	−13 25.0	2.024	3.006	5.9	19.9
6 20	16 1.46	−13 55.5	2.065	2.998	9.3	20.1
6 30	15 54.69	−14 32.0	2.131	2.989	12.4	20.3
112418 2002 NY_{44}			5 28.5 264°.16		4°.8/26.6 18	
4 21	16 49.45	−11 43.3	1.784	2.615	15.0	20.2
5 1	16 45.06	−10 58.2	1.686	2.594	12.0	19.9
5 11	16 38.15	−10 13.8	1.609	2.573	8.5	19.7
5 21	16 29.28	− 9 33.6	1.557	2.551	5.5	19.4
5 31	16 19.37	− 9 1.8	1.531	2.529	5.3	19.4
6 10	16 9.54	− 8 41.8	1.532	2.506	8.3	19.5
6 20	16 0.87	− 8 36.2	1.557	2.483	12.2	19.7
6 30	15 54.29	− 8 46.0	1.603	2.460	15.9	19.8

185718 1998 SY_{64} 5 28.5 218°.01 1°.8/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.58	−17 55.3	2.053	2.875	13.7	21.0
5 1	16 45.53	−17 34.7	1.960	2.867	10.7	20.8
5 11	16 38.22	−17 11.8	1.890	2.858	7.1	20.6
5 21	16 29.22	−16 47.7	1.845	2.849	3.4	20.3
5 31	16 19.41	−16 24.4	1.829	2.839	2.2	20.2
6 10	16 9.80	−16 4.4	1.840	2.828	5.9	20.4
6 20	16 1.34	−15 50.0	1.878	2.817	9.7	20.7
6 30	15 54.79	−15 43.2	1.939	2.805	13.1	20.8

247428 2002 CY_{291} 5 28.5 235°.31 3°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.72	− 9 46.6	2.582	3.399	11.4	21.2
5 1	16 41.26	− 9 18.1	2.490	3.389	9.0	21.0
5 11	16 35.13	− 8 52.5	2.422	3.379	6.4	20.9
5 21	16 27.81	− 8 31.9	2.380	3.369	4.3	20.7
5 31	16 19.91	− 8 18.6	2.366	3.359	4.2	20.7
6 10	16 12.17	− 8 14.2	2.380	3.349	6.2	20.8
6 20	16 5.24	− 8 19.7	2.421	3.338	8.8	20.9
6 30	15 59.70	− 8 35.2	2.485	3.327	11.4	21.1

19650 1999 RY_{105} 5 28.5 52°.37 4°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.86	−36 28.6	2.313	3.097	13.5	18.1
5 1	16 44.15	−36 27.5	2.227	3.099	11.0	17.9
5 11	16 37.23	−36 13.0	2.163	3.102	8.3	17.7
5 21	16 28.74	−35 43.4	2.124	3.104	5.6	17.5
5 31	16 19.62	−34 58.7	2.111	3.106	4.3	17.5
6 10	16 10.89	−34 1.6	2.126	3.109	5.7	17.6
6 20	16 3.45	−32 56.4	2.168	3.112	8.3	17.7
6 30	15 57.97	−31 48.6	2.234	3.114	11.1	17.9

278892 2008 TZ_{103} 5 28.5 203°.90 2°.2/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.84	−17 8.8	2.041	2.868	13.5	21.7
5 1	16 43.33	−16 37.1	1.957	2.866	10.5	21.5
5 11	16 36.69	−16 3.3	1.895	2.864	7.0	21.3
5 21	16 28.54	−15 29.2	1.860	2.862	3.5	21.1
5 31	16 19.69	−14 57.4	1.851	2.860	2.7	21.0
6 10	16 11.13	−14 30.8	1.870	2.857	6.0	21.2
6 20	16 3.71	−14 11.6	1.916	2.854	9.6	21.4
6 30	15 58.12	−14 1.7	1.984	2.851	12.8	21.6

124838 2001 TS_{5} 5 28.5 133°.65 5°.1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.48	−10 53.5	1.562	2.395	16.7	20.5
5 1	16 47.32	−10 17.3	1.495	2.404	13.2	20.2
5 11	16 39.50	− 9 45.0	1.450	2.413	9.3	20.0
5 21	16 29.78	− 9 20.1	1.428	2.422	5.9	19.9
5 31	16 19.28	− 9 6.1	1.432	2.430	5.5	19.9
6 10	16 9.27	− 9 5.2	1.462	2.438	8.5	20.0
6 20	16 0.83	− 9 18.4	1.515	2.445	12.3	20.3
6 30	15 54.76	− 9 45.0	1.591	2.451	15.7	20.5

455666 2005 CN_{17} 5 28.5 96°.74 1°.2/28.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.60	−20 10.2	1.555	2.389	16.7	21.8
5 1	16 47.45	−19 51.1	1.493	2.406	12.9	21.6
5 11	16 39.57	−19 27.9	1.451	2.422	8.5	21.4
5 21	16 29.79	−19 1.8	1.434	2.438	3.7	21.2
5 31	16 19.30	−18 34.9	1.442	2.454	1.9	21.1
6 10	16 9.42	−18 10.5	1.477	2.470	6.4	21.4
6 20	16 1.23	−17 51.7	1.537	2.485	10.8	21.7
6 30	15 55.51	−17 41.1	1.619	2.499	14.5	22.0

498660 2008 SC_{127} 5 28.5 191°.32 2°.6/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.49	−28 23.3	2.006	2.817	14.3	21.5
5 1	16 45.68	−28 40.8	1.921	2.817	11.4	21.3
5 11	16 38.43	−28 50.5	1.857	2.816	7.9	21.1
5 21	16 29.35	−28 50.5	1.818	2.816	4.3	20.8
5 31	16 19.42	−28 40.4	1.806	2.815	2.6	20.7
6 10	16 9.78	−28 21.7	1.822	2.814	5.5	20.9
6 20	16 1.43	−27 57.4	1.863	2.813	9.1	21.1
6 30	15 55.21	−27 31.8	1.929	2.811	12.4	21.3

386562 2009 DU_{85} 5 28.5 309°.06 0°.8/28.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.10	−23 54.7	1.947	2.774	14.1	21.0
5 1	16 43.11	−23 58.2	1.856	2.764	11.0	20.7
5 11	16 36.77	−23 56.4	1.786	2.754	7.4	20.5
5 21	16 28.65	−23 48.8	1.741	2.745	3.4	20.2
5 31	16 19.65	−23 35.8	1.723	2.735	1.2	20.0
6 10	16 10.85	−23 19.4	1.731	2.726	5.3	20.3
6 20	16 3.24	−23 2.2	1.765	2.717	9.3	20.5
6 30	15 57.63	−22 47.3	1.823	2.709	12.9	20.7

469707 2005 GB_{187} 5 28.5 24°.16 0°.2/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 25.51	−14 11.3	30.762	31.575	1.1	22.1
5 1	16 24.68	−14 7.2	30.678	31.580	0.8	22.1
5 11	16 23.75	−14 3.2	30.620	31.584	0.6	22.0
5 21	16 22.74	−13 59.4	30.590	31.588	0.3	22.0
5 31	16 21.71	−13 56.0	30.589	31.592	0.3	22.0
6 10	16 20.69	−13 53.0	30.617	31.597	0.5	22.0
6 20	16 19.71	−13 50.5	30.673	31.601	0.8	22.1
6 30	16 18.83	−13 48.6	30.756	31.605	1.0	22.1

104478 2000 GJ_{21} 5 28.5 109°.74 6°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.18	−38 28.9	2.174	2.945	14.6	19.9
5 1	16 48.69	−39 26.4	2.096	2.954	12.2	19.7
5 11	16 40.49	−40 11.6	2.040	2.962	9.6	19.5
5 21	16 30.28	−40 40.0	2.007	2.970	7.4	19.4
5 31	16 19.11	−40 49.0	2.001	2.978	6.4	19.4
6 10	16 8.25	−40 38.8	2.021	2.985	7.4	19.4
6 20	15 58.85	−40 13.0	2.067	2.993	9.7	19.6
6 30	15 51.80	−39 36.8	2.136	3.000	12.1	19.8

285176 1996 GQ_{6} 5 28.5 69°.73 5°.5/26.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.82	− 9 28.6	1.853	2.685	14.5	20.8
5 1	16 42.48	− 8 29.0	1.792	2.699	11.5	20.6
5 11	16 36.06	− 7 33.2	1.754	2.713	8.3	20.5
5 21	16 28.22	− 6 45.4	1.740	2.727	5.9	20.3
5 31	16 19.86	− 6 9.6	1.752	2.741	5.9	20.4
6 10	16 11.94	− 5 48.5	1.790	2.755	8.2	20.5
6 20	16 5.27	− 5 43.3	1.853	2.769	11.1	20.7
6 30	16 0.48	− 5 53.6	1.938	2.783	14.0	21.0

313937 2004 RP_{99} 5 28.5 266°.43 1°.6/29.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.17	−27 34.5	2.627	3.430	11.5	21.5
5 1	16 42.63	−27 35.4	2.518	3.412	9.1	21.3
5 11	16 36.20	−27 29.7	2.434	3.393	6.3	21.1
5 21	16 28.35	−27 16.6	2.375	3.374	3.3	20.8
5 31	16 19.77	−26 56.2	2.344	3.355	1.7	20.7
6 10	16 11.31	−26 30.1	2.343	3.335	4.4	20.9
6 20	16 3.72	−26 0.7	2.368	3.315	7.5	21.0
6 30	15 57.69	−25 31.1	2.419	3.295	10.5	21.2

507051 2008 UJ_{336} 5 28.5 175°.58 2°.0/29.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.85	−27 15.9	2.308	3.113	12.9	22.7
5 1	16 45.60	−27 34.2	2.221	3.114	10.2	22.6
5 11	16 38.20	−27 46.1	2.157	3.116	7.0	22.4
5 21	16 29.21	−27 50.4	2.118	3.117	3.7	22.1
5 31	16 19.49	−27 46.5	2.108	3.117	2.1	22.0
6 10	16 10.01	−27 35.7	2.126	3.118	4.8	22.2
6 20	16 1.67	−27 20.3	2.171	3.117	8.2	22.4
6 30	15 55.17	−27 3.4	2.241	3.117	11.2	22.6

511920 2015 HK_{110} 5 28.5 273°.32 3°.7/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.49	−10 30.7	2.019	2.842	13.8	21.2
5 1	16 44.72	−10 33.5	1.928	2.832	10.9	21.0
5 11	16 37.74	−10 41.7	1.859	2.821	7.7	20.7
5 21	16 29.06	−10 56.7	1.815	2.811	4.6	20.5
5 31	16 19.53	−11 19.8	1.798	2.800	4.0	20.5
6 10	16 10.13	−11 51.4	1.809	2.789	6.7	20.6
6 20	16 1.79	−12 31.3	1.846	2.779	10.2	20.8
6 30	15 55.30	−13 18.8	1.906	2.768	13.5	21.0

349804 2009 BM_{99} 5 28.5 188°.32 3°.1/27.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.57	−14 55.2	1.760	2.587	15.4	21.8
5 1	16 47.32	−14 29.9	1.678	2.587	12.0	21.6
5 11	16 39.52	−14 4.6	1.619	2.586	8.2	21.4
5 21	16 29.83	−13 41.4	1.584	2.584	4.3	21.1
5 31	16 19.28	−13 22.8	1.576	2.582	3.6	21.1
6 10	16 9.05	−13 11.5	1.595	2.579	7.0	21.3
6 20	16 0.20	−13 9.4	1.639	2.575	11.0	21.5
6 30	15 53.56	−13 17.6	1.706	2.571	14.7	21.7

139597 2001 QD_{118} 5 28.5 168°.51 3°.5/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.78	−33 27.1	2.417	3.206	12.8	20.0
5 1	16 44.75	−33 35.4	2.330	3.208	10.4	19.8
5 11	16 37.60	−33 33.1	2.264	3.210	7.6	19.7
5 21	16 28.93	−33 18.7	2.225	3.211	4.8	19.5
5 31	16 19.60	−32 51.9	2.212	3.213	3.5	19.4
6 10	16 10.58	−32 14.5	2.228	3.214	5.2	19.5
6 20	16 2.74	−31 29.9	2.271	3.215	8.0	19.7
6 30	15 56.75	−30 42.7	2.338	3.215	10.8	19.9

276884 2004 RC_{286} 5 28.5 252°.40 0°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.91	−23 46.4	1.949	2.771	14.3	21.6
5 1	16 45.32	−23 50.4	1.855	2.760	11.2	21.3
5 11	16 38.26	−23 49.1	1.782	2.749	7.5	21.1
5 21	16 29.33	−23 41.9	1.734	2.738	3.5	20.8
5 31	16 19.44	−23 29.1	1.713	2.726	1.2	20.6
6 10	16 9.73	−23 12.5	1.720	2.714	5.4	20.9
6 20	16 1.24	−22 54.8	1.752	2.702	9.5	21.1
6 30	15 54.82	−22 39.4	1.808	2.690	13.2	21.3

475488 2006 SP_{253} 5 28.5 230°.43 0°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.20	−20 0.3	2.595	3.409	11.4	22.8
5 1	16 42.50	−19 46.3	2.496	3.399	8.8	22.6
5 11	16 36.02	−19 29.5	2.421	3.388	5.8	22.4
5 21	16 28.24	−19 10.3	2.373	3.377	2.6	22.2
5 31	16 19.84	−18 50.1	2.353	3.365	1.3	22.1
6 10	16 11.58	−18 30.7	2.363	3.353	4.5	22.3
6 20	16 4.20	−18 14.0	2.400	3.341	7.8	22.5
6 30	15 58.29	−18 1.9	2.461	3.328	10.7	22.6

391034 2005 TX_{20} 5 28.5 314.°50 3.°6/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.52	−13 47.2	2.094	2.927	13.1	20.8
5 1	16 40.73	−13 0.9	2.009	2.920	10.2	20.6
5 11	16 34.97	−12 14.1	1.946	2.913	7.1	20.4
5 21	16 27.81	−11 29.9	1.909	2.906	4.2	20.2
5 31	16 19.99	−10 51.4	1.899	2.899	4.0	20.2
6 10	16 12.41	−10 21.9	1.915	2.893	6.7	20.3
6 20	16 5.85	−10 3.5	1.957	2.887	9.9	20.5
6 30	16 0.97	− 9 57.3	2.022	2.881	12.9	20.7

311229 2005 BN_{7} 5 28.5 67.°14 1.°7/28.1 16

4 21	16 52.85	−17 31.9	1.357	2.201	18.2	21.2
5 1	16 47.98	−17 35.5	1.301	2.219	14.0	21.0
5 11	16 40.09	−17 38.9	1.265	2.238	9.3	20.8
5 21	16 30.07	−17 42.7	1.251	2.256	4.2	20.5
5 31	16 19.25	−17 47.7	1.263	2.275	2.3	20.5
6 10	16 9.09	−17 55.5	1.300	2.293	7.0	20.8
6 20	16 0.81	−18 7.8	1.361	2.312	11.6	21.1
6 30	15 55.25	−18 25.8	1.443	2.331	15.5	21.4

121532 1999 UD_{40} 5 28.5 282.°82 6.°6/31.1 18 R

4 21	16 51.86	−38 22.8	1.881	2.667	16.1	19.5
5 1	16 47.38	−38 57.9	1.789	2.658	13.4	19.3
5 11	16 39.91	−39 18.3	1.718	2.649	10.5	19.1
5 21	16 30.12	−39 19.6	1.670	2.640	7.8	18.9
5 31	16 19.18	−38 59.2	1.646	2.631	6.6	18.8
6 10	16 8.53	−38 18.3	1.648	2.622	7.8	18.8
6 20	15 59.47	−37 21.6	1.674	2.614	10.6	19.0
6 30	15 53.01	−36 16.3	1.724	2.605	13.8	19.2

153088 2000 RP_{45} 5 28.5 298.°24 5.°4/29.9 18

4 21	16 50.56	−33 11.0	1.683	2.495	16.6	19.3
5 1	16 46.75	−33 51.4	1.581	2.472	13.7	19.0
5 11	16 39.77	−34 21.2	1.500	2.450	10.2	18.8
5 21	16 30.19	−34 36.0	1.441	2.427	6.9	18.5
5 31	16 19.12	−34 32.5	1.406	2.405	5.4	18.4
6 10	16 8.05	−34 11.0	1.397	2.383	7.6	18.5
6 20	15 58.47	−33 35.2	1.412	2.361	11.4	18.6
6 30	15 51.60	−32 51.5	1.449	2.339	15.3	18.8

387508 1998 TD_{1} 5 28.5 199.°37 3.°6/29.3 17

4 21	16 56.10	−28 24.1	1.625	2.441	17.0	22.5
5 1	16 50.78	−29 5.1	1.541	2.439	13.6	22.3
5 11	16 42.23	−29 38.6	1.477	2.436	9.6	22.0
5 21	16 31.17	−30 1.0	1.436	2.433	5.5	21.8
5 31	16 18.82	−30 9.6	1.422	2.429	3.7	21.6
6 10	16 6.72	−30 4.9	1.434	2.425	6.8	21.8
6 20	15 56.31	−29 50.3	1.471	2.420	11.1	22.0
6 30	15 48.69	−29 31.3	1.531	2.415	15.0	22.3

54455 2000 NW_{16} 5 28.5 34.°95 4.°9/27.6 18

4 21	16 49.03	−10 15.2	1.363	2.211	17.9	18.3
5 1	16 44.99	−10 8.9	1.306	2.223	14.1	18.1
5 11	16 38.12	−10 9.8	1.267	2.235	9.8	17.9
5 21	16 29.24	−10 20.6	1.252	2.249	6.0	17.7
5 31	16 19.54	−10 42.8	1.260	2.262	5.2	17.7
6 10	16 10.38	−11 16.8	1.293	2.277	8.4	17.9
6 20	16 2.91	−12 1.5	1.349	2.292	12.4	18.2
6 30	15 57.95	−12 55.5	1.426	2.307	16.1	18.5

137719 1999 XS_{102} 5 28.5 171.°94 0.°1/28.5 17

4 21	16 52.61	−21 52.4	2.051	2.866	13.9	21.3
5 1	16 47.07	−21 51.1	1.968	2.870	10.8	21.1
5 11	16 39.21	−21 45.7	1.907	2.873	7.2	20.9
5 21	16 29.67	−21 36.0	1.872	2.876	3.1	20.7
5 31	16 19.37	−21 22.9	1.864	2.877	1.1	20.5
6 10	16 9.38	−21 8.1	1.886	2.879	5.2	20.8
6 20	16 0.66	−20 54.1	1.934	2.879	9.1	21.0
6 30	15 53.95	−20 43.6	2.006	2.879	12.5	21.2

505689 2014 WH_{469} 5 28.5 90.°01 8.°4/25.6 17

4 21	16 48.23	− 1 19.3	1.799	2.616	15.5	20.9
5 1	16 43.63	− 0 21.7	1.739	2.627	12.8	20.8
5 11	16 36.87	+ 0 25.0	1.701	2.637	10.3	20.6
5 21	16 28.60	+ 0 55.7	1.686	2.648	8.6	20.5
5 31	16 19.76	+ 1 6.6	1.696	2.658	8.6	20.6
6 10	16 11.34	+ 0 56.0	1.731	2.668	10.4	20.7
6 20	16 4.20	+ 0 24.9	1.789	2.679	12.9	20.9
6 30	15 59.00	− 0 24.1	1.867	2.689	15.4	21.1

73303 2002 JN_{72} 5 28.5 28.°48 5.°6/26.1 18

4 21	16 45.91	−10 24.1	1.681	2.521	15.4	19.3
5 1	16 42.12	− 9 23.5	1.613	2.525	12.2	19.1
5 11	16 36.01	− 8 25.6	1.566	2.529	8.8	18.9
5 21	16 28.28	− 7 35.0	1.543	2.534	6.1	18.7
5 31	16 19.86	− 6 56.4	1.546	2.538	6.0	18.7
6 10	16 11.84	− 6 33.2	1.574	2.543	8.7	18.9
6 20	16 5.14	− 6 26.9	1.626	2.549	12.0	19.1
6 30	16 0.47	− 6 37.4	1.698	2.554	15.1	19.3

518573 2007 HO_{99} 5 28.5 59.°11 3.°4/26.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.61	−17 37.1	1.677	2.516	15.5	21.1
5 1	16 43.41	−16 23.2	1.609	2.525	11.9	20.9
5 11	16 36.82	−15 4.7	1.564	2.535	8.0	20.7
5 21	16 28.60	−13 45.8	1.543	2.544	4.3	20.5
5 31	16 19.77	−12 31.9	1.548	2.553	3.9	20.4
6 10	16 11.45	−11 28.3	1.581	2.563	7.3	20.7
6 20	16 4.56	−10 39.1	1.638	2.573	11.1	20.9
6 30	15 59.80	−10 6.3	1.716	2.582	14.5	21.2

356724 2011 UT_{179} 5 28.5 162.°41 1.°9/29.4 17

4 21	16 47.66	−28 26.9	2.762	3.561	11.2	21.8
5 1	16 42.77	−28 32.4	2.675	3.564	8.8	21.6
5 11	16 36.14	−28 31.2	2.611	3.568	6.1	21.4
5 21	16 28.27	−28 22.6	2.573	3.571	3.3	21.2
5 31	16 19.87	−28 6.8	2.565	3.573	1.9	21.1
6 10	16 11.70	−27 45.3	2.585	3.576	4.1	21.3
6 20	16 4.46	−27 20.3	2.632	3.578	7.0	21.5
6 30	15 58.73	−26 54.5	2.706	3.580	9.6	21.7

504460 2008 CX_{209} 5 28.5 84.°75 8.°0/24.7 17

4 21	16 45.35	+ 2 2.3	2.309	3.108	13.1	21.2
5 1	16 40.95	+ 3 2.4	2.253	3.122	11.0	21.1
5 11	16 34.88	+ 3 51.7	2.218	3.135	9.2	21.0
5 21	16 27.69	+ 4 25.8	2.208	3.148	8.1	21.0
5 31	16 20.08	+ 4 41.7	2.223	3.161	8.3	21.0
6 10	16 12.81	+ 4 38.0	2.263	3.174	9.6	21.1
6 20	16 6.52	+ 4 15.4	2.327	3.187	11.4	21.3
6 30	16 1.73	+ 3 35.9	2.412	3.200	13.3	21.4

464841 2005 EY_{66} 5 28.5 113.°88 5.°1/30.2 16

4 21	16 55.91	−33 26.2	1.665	2.468	17.1	22.1
5 1	16 50.41	−34 1.1	1.595	2.481	13.9	21.9
5 11	16 41.79	−34 23.3	1.545	2.493	10.2	21.7
5 21	16 30.89	−34 28.7	1.518	2.505	6.7	21.5
5 31	16 19.00	−34 15.4	1.517	2.516	5.1	21.4
6 10	16 7.67	−33 45.7	1.542	2.527	7.1	21.6
6 20	15 58.21	−33 4.5	1.592	2.538	10.6	21.8
6 30	15 51.55	−32 18.7	1.665	2.548	14.0	22.0

311431 2005 UR_{175} 5 28.5 298.°54 0.°2/28.6 18

4 21	16 45.66	−24 10.4	2.269	3.090	12.6	20.8
5 1	16 41.58	−23 44.5	2.177	3.082	9.8	20.6
5 11	16 35.53	−23 11.8	2.107	3.075	6.5	20.4
5 21	16 28.06	−22 33.0	2.064	3.068	2.9	20.1
5 31	16 19.95	−21 49.9	2.048	3.061	1.0	19.9
6 10	16 12.09	−21 5.4	2.060	3.054	4.7	20.2
6 20	16 5.26	−20 22.9	2.099	3.047	8.3	20.4
6 30	16 0.12	−19 45.4	2.162	3.040	11.5	20.6

368936 2006 VZ_{138} 5 28.5 230.°44 2.°6/27.6 17

4 21	16 51.19	−15 9.5	1.979	2.801	14.1	21.9
5 1	16 46.14	−14 55.3	1.884	2.790	11.0	21.7
5 11	16 38.74	−14 41.4	1.812	2.778	7.5	21.4
5 21	16 29.55	−14 29.2	1.765	2.766	3.9	21.2
5 31	16 19.44	−14 20.6	1.745	2.753	3.0	21.1
6 10	16 9.49	−14 17.4	1.754	2.739	6.4	21.3
6 20	16 0.67	−14 21.3	1.788	2.725	10.2	21.5
6 30	15 53.81	−14 33.5	1.846	2.710	13.8	21.7

430507 2001 UG_{221} 5 28.5 197.°94 3.°6/29.3 17

4 21	16 55.21	−28 55.5	2.012	2.813	14.6	21.7
5 1	16 49.56	−29 50.2	1.923	2.811	11.7	21.5
5 11	16 41.17	−30 39.0	1.856	2.809	8.4	21.3
5 21	16 30.68	−31 18.5	1.814	2.806	5.1	21.1
5 31	16 19.07	−31 45.8	1.800	2.803	3.7	21.0
6 10	16 7.60	−32 0.5	1.814	2.800	6.1	21.1
6 20	15 57.45	−32 4.3	1.854	2.796	9.6	21.3
6 30	15 49.59	−32 1.4	1.918	2.792	12.9	21.5

18876 Sooner 5 28.5 169.°69 0.°7/28.3 18

4 21	16 53.39	−19 26.9	2.166	2.978	13.4	19.3
5 1	16 47.53	−19 30.8	2.082	2.983	10.4	19.1
5 11	16 39.46	−19 32.7	2.021	2.987	6.9	18.9
5 21	16 29.79	−19 32.8	1.987	2.991	3.0	18.7
5 31	16 19.40	−19 31.5	1.981	2.993	1.3	18.5
6 10	16 9.29	−19 30.1	2.004	2.995	5.1	18.8
6 20	16 0.36	−19 30.2	2.055	2.997	8.8	19.0
6 30	15 53.35	−19 33.7	2.130	2.997	12.1	19.3

212777 2007 TH_{139} 5 28.5 105.°74 4.°0/29.7 17

4 21	16 54.94	−30 3.7	1.573	2.390	17.4	20.7
5 1	16 49.75	−30 37.6	1.503	2.400	13.9	20.5
5 11	16 41.42	−31 1.2	1.454	2.411	9.9	20.3
5 21	16 30.76	−31 11.1	1.427	2.422	5.8	20.1
5 31	16 19.08	−31 5.6	1.426	2.432	4.0	20.0
6 10	16 7.93	−30 46.5	1.451	2.442	6.8	20.2
6 20	15 58.62	−30 18.2	1.501	2.451	10.8	20.4
6 30	15 52.12	−29 46.9	1.573	2.461	14.5	20.7

215587 2003 GO_{44} 5 28.5 39°.32 5°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.20	− 6 8.0	1.970	2.793	14.1	19.5
5 1	16 42.76	− 5 54.8	1.903	2.802	11.3	19.3
5 11	16 36.28	− 5 49.6	1.858	2.812	8.3	19.2
5 21	16 28.39	− 5 54.8	1.837	2.821	6.0	19.0
5 31	16 19.90	− 6 12.4	1.843	2.831	5.7	19.0
6 10	16 11.76	− 6 42.8	1.875	2.841	7.7	19.2
6 20	16 4.76	− 7 25.2	1.932	2.852	10.5	19.4
6 30	15 59.55	− 8 17.8	2.012	2.863	13.3	19.6

92144 1999 XS_{117} 5 28.5 241°.54 1°.8/29.3 18

4 21	16 47.44	−27 37.0	2.678	3.480	11.4	20.0
5 1	16 42.77	−27 46.2	2.578	3.470	9.0	19.9
5 11	16 36.27	−27 49.3	2.502	3.461	6.2	19.7
5 21	16 28.40	−27 45.5	2.452	3.451	3.3	19.5
5 31	16 19.88	−27 34.6	2.431	3.440	1.9	19.3
6 10	16 11.49	−27 17.9	2.438	3.430	4.3	19.5
6 20	16 4.00	−26 57.5	2.473	3.419	7.3	19.7
6 30	15 58.05	−26 36.2	2.533	3.408	10.1	19.8

189214 2003 YJ_{20} 5 28.5 209°.07 2°.7/26.5 18

4 21	16 38.92	− 7 5.3	4.627	5.431	6.9	20.6
5 1	16 35.35	− 6 53.7	4.541	5.430	5.5	20.5
5 11	16 30.95	− 6 45.2	4.480	5.429	4.0	20.4
5 21	16 25.97	− 6 40.7	4.447	5.428	2.9	20.3
5 31	16 20.74	− 6 41.1	4.443	5.426	2.9	20.3
6 10	16 15.61	− 6 47.2	4.467	5.425	3.9	20.4
6 20	16 10.89	− 6 59.0	4.519	5.424	5.4	20.5
6 30	16 6.87	− 7 16.7	4.597	5.423	6.8	20.6

79858 1998 XN_{54} 5 28.5 266°.41 3°.3/27.5 18

4 21	16 49.81	−14 2.6	1.751	2.583	15.2	19.4
5 1	16 45.43	−13 46.6	1.657	2.568	12.0	19.2
5 11	16 38.47	−13 32.0	1.585	2.553	8.2	18.9
5 21	16 29.52	−13 20.8	1.537	2.537	4.5	18.6
5 31	16 19.51	−13 15.2	1.515	2.522	3.7	18.6
6 10	16 9.63	−13 17.2	1.520	2.505	7.2	18.7
6 20	16 0.97	−13 28.4	1.550	2.489	11.3	18.9
6 30	15 54.46	−13 49.6	1.602	2.473	15.1	19.1

222698 2002 AY_{17} 5 28.5 142°.97 5°.2/25.6 18

4 21	16 49.13	− 7 55.7	2.395	3.206	12.3	20.2
5 1	16 43.79	− 6 51.0	2.327	3.220	9.8	20.0
5 11	16 36.74	− 5 49.6	2.283	3.232	7.3	19.9
5 21	16 28.53	− 4 55.3	2.265	3.244	5.4	19.8
5 31	16 19.90	− 4 11.6	2.276	3.256	5.5	19.8
6 10	16 11.61	− 3 41.1	2.315	3.266	7.4	19.9
6 20	16 4.34	− 3 25.0	2.380	3.276	9.8	20.1
6 30	15 58.63	− 3 23.3	2.468	3.285	12.2	20.3

192794 1999 UY_{54} 5 28.5 67°.89 2°.9/29.4 17

4 21	16 51.32	−27 54.1	1.813	2.631	15.4	20.3
5 1	16 46.52	−28 25.8	1.740	2.640	12.2	20.1
5 11	16 39.08	−28 50.0	1.689	2.650	8.5	19.9
5 21	16 29.71	−29 4.5	1.662	2.659	4.7	19.7
5 31	16 19.48	−29 8.1	1.661	2.669	2.9	19.6
6 10	16 9.64	−29 2.0	1.687	2.679	5.8	19.8
6 20	16 1.29	−28 49.1	1.738	2.688	9.5	20.1
6 30	15 55.26	−28 33.7	1.812	2.698	13.0	20.3

479058 2013 AR_{57} 5 28.5 202°.33 3°.7/30.4 17

4 21	16 49.62	−34 12.5	2.606	3.389	12.2	22.0
5 1	16 44.58	−34 24.1	2.513	3.386	9.9	21.8
5 11	16 37.50	−34 25.6	2.442	3.383	7.3	21.6
5 21	16 28.96	−34 15.3	2.396	3.379	4.8	21.5
5 31	16 19.75	−33 52.6	2.378	3.376	3.7	21.4
6 10	16 10.78	−33 19.0	2.388	3.371	5.1	21.5
6 20	16 2.88	−32 37.7	2.426	3.367	7.7	21.6
6 30	15 56.72	−31 52.6	2.488	3.362	10.3	21.8

177807 2005 MF_{1} 5 28.5 197°.77 4°.3/26.4 18

4 21	16 45.50	− 8 52.2	2.551	3.367	11.5	21.0
5 1	16 41.08	− 8 16.8	2.468	3.365	9.1	20.8
5 11	16 35.04	− 7 44.6	2.408	3.363	6.6	20.6
5 21	16 27.84	− 7 18.3	2.375	3.361	4.6	20.5
5 31	16 20.14	− 7 0.1	2.370	3.359	4.5	20.5
6 10	16 12.64	− 6 52.1	2.392	3.356	6.4	20.6
6 20	16 5.99	− 6 54.8	2.441	3.353	9.0	20.8
6 30	16 0.72	− 7 8.5	2.513	3.350	11.4	20.9

79140 1991 SX_{2} 5 28.5 334°.44 1°.4/27.9 18

4 21	16 46.25	−19 1.8	2.017	2.847	13.6	19.7
5 1	16 42.20	−18 39.1	1.933	2.845	10.5	19.5
5 11	16 36.04	−18 13.4	1.872	2.843	7.0	19.2
5 21	16 28.35	−17 46.0	1.836	2.841	3.2	19.0
5 31	16 19.96	−17 19.0	1.828	2.839	1.9	18.9
6 10	16 11.85	−16 55.1	1.846	2.837	5.6	19.1
6 20	16 4.87	−16 36.7	1.890	2.835	9.3	19.4
6 30	15 59.72	−16 25.8	1.958	2.833	12.6	19.6

67316 2000 HU_{37} 5 28.5 335°.19 5°.9/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.86	− 5 51.7	1.979	2.802	14.1	19.2
5 1	16 42.60	− 5 24.4	1.901	2.800	11.3	19.0
5 11	16 36.27	− 5 4.3	1.845	2.797	8.5	18.8
5 21	16 28.45	− 4 54.7	1.814	2.795	6.3	18.7
5 31	16 19.94	− 4 58.4	1.809	2.794	6.2	18.7
6 10	16 11.68	− 5 16.7	1.830	2.792	8.2	18.8
6 20	16 4.51	− 5 49.2	1.875	2.790	11.1	19.0
6 30	15 59.12	− 6 34.8	1.943	2.789	13.9	19.2

210658 2000 PQ_{21} 5 28.5 302°.25 5°.9/30.2 17

4 21	16 50.65	−33 22.7	1.343	2.171	19.2	20.2
5 1	16 47.49	−33 56.9	1.254	2.155	15.8	19.9
5 11	16 40.62	−34 17.0	1.184	2.139	11.8	19.6
5 21	16 30.70	−34 17.9	1.134	2.124	7.8	19.4
5 31	16 19.12	−33 56.2	1.107	2.109	5.9	19.2
6 10	16 7.72	−33 13.5	1.104	2.094	8.5	19.3
6 20	15 58.28	−32 15.9	1.123	2.079	12.9	19.5
6 30	15 52.11	−31 12.5	1.162	2.065	17.3	19.7

47603 2000 AV_{232} 5 28.5 249°.39 1°.0/28.8 18

4 21	16 52.32	−24 11.8	1.906	2.724	14.7	19.7
5 1	16 47.39	−24 18.3	1.804	2.707	11.6	19.5
5 11	16 39.81	−24 19.2	1.724	2.690	7.9	19.2
5 21	16 30.14	−24 13.6	1.668	2.672	3.7	18.9
5 31	16 19.34	−24 1.2	1.640	2.653	1.4	18.7
6 10	16 8.62	−23 43.8	1.639	2.633	5.7	18.9
6 20	15 59.13	−23 24.3	1.665	2.613	10.0	19.1
6 30	15 51.85	−23 6.4	1.713	2.593	13.9	19.3

273825 2007 GT_{21} 5 28.5 22°.47 4°.3/29.2 18

4 21	16 52.99	−28 17.0	1.573	2.396	17.1	19.7
5 1	16 48.45	−29 27.0	1.498	2.400	13.6	19.5
5 11	16 40.76	−30 31.4	1.444	2.404	9.7	19.2
5 21	16 30.60	−31 25.2	1.414	2.408	5.9	19.0
5 31	16 19.20	−32 4.7	1.409	2.413	4.4	18.9
6 10	16 8.07	−32 28.9	1.430	2.418	7.2	19.1
6 20	15 58.63	−32 39.9	1.475	2.424	11.0	19.4
6 30	15 51.94	−32 42.4	1.542	2.430	14.7	19.6

2133 Franceswright 5 28.5 267°.00 0°.9/28.3 18 R

4 21	16 51.41	−18 58.8	1.739	2.569	15.4	17.3
5 1	16 46.87	−19 4.3	1.640	2.550	12.1	17.0
5 11	16 39.57	−19 8.6	1.562	2.532	8.1	16.8
5 21	16 30.08	−19 11.8	1.508	2.513	3.6	16.4
5 31	16 19.37	−19 14.3	1.481	2.494	1.6	16.2
6 10	16 8.70	−19 17.5	1.481	2.474	6.3	16.5
6 20	15 59.29	−19 23.3	1.506	2.454	10.9	16.7
6 30	15 52.15	−19 33.7	1.553	2.434	15.0	16.9

193558 2001 AA_{4} 5 28.5 208°.71 5°.3/26.3 18

4 21	16 48.73	− 6 10.2	2.322	3.133	12.6	20.5
5 1	16 43.76	− 5 37.3	2.236	3.127	10.2	20.3
5 11	16 36.91	− 5 10.0	2.173	3.121	7.6	20.1
5 21	16 28.71	− 4 51.1	2.135	3.115	5.7	20.0
5 31	16 19.88	− 4 43.3	2.125	3.107	5.6	20.0
6 10	16 11.24	− 4 48.3	2.143	3.100	7.5	20.1
6 20	16 3.54	− 5 6.5	2.186	3.092	10.2	20.2
6 30	15 57.41	− 5 37.2	2.253	3.083	12.8	20.4

13957 NARIT 5 28.5 225°.54 6°.1/25.1 18

4 21	16 47.60	− 2 53.8	2.621	3.421	11.7	19.5
5 1	16 42.71	− 2 2.5	2.529	3.408	9.6	19.3
5 11	16 36.14	− 1 16.9	2.460	3.394	7.6	19.2
5 21	16 28.37	− 0 40.7	2.418	3.380	6.3	19.0
5 31	16 20.00	− 0 16.9	2.403	3.365	6.4	19.0
6 10	16 11.77	− 0 7.7	2.415	3.349	8.0	19.1
6 20	16 4.34	− 0 13.9	2.453	3.333	10.2	19.2
6 30	15 58.28	− 0 34.8	2.514	3.316	12.4	19.3

423982 2006 VZ_{45} 5 28.5 225°.28 1°.1/28.9 17

4 21	16 52.33	−25 8.4	1.985	2.799	14.4	22.3
5 1	16 47.21	−25 10.8	1.889	2.789	11.3	22.1
5 11	16 39.56	−25 6.6	1.815	2.779	7.7	21.9
5 21	16 29.99	−24 55.0	1.766	2.768	3.6	21.6
5 31	16 19.45	−24 36.2	1.744	2.757	1.5	21.4
6 10	16 9.10	−24 12.0	1.751	2.744	5.4	21.7
6 20	16 0.01	−23 45.8	1.783	2.732	9.5	21.9
6 30	15 53.04	−23 21.3	1.840	2.718	13.1	22.1

141151 2001 XG_{110} 5 28.5 164°.97 1°.8/27.9 18

4 21	16 47.68	−15 56.7	2.294	3.115	12.4	20.0
5 1	16 43.03	−15 55.5	2.210	3.116	9.6	19.8
5 11	16 36.47	−15 54.8	2.150	3.117	6.4	19.6
5 21	16 28.53	−15 55.4	2.116	3.118	3.1	19.4
5 31	16 19.96	−15 58.4	2.109	3.119	2.1	19.3
6 10	16 11.61	−16 4.8	2.131	3.119	5.2	19.5
6 20	16 4.26	−16 15.5	2.180	3.120	8.5	19.7
6 30	15 58.53	−16 31.5	2.253	3.120	11.5	19.9

507765 2013 YR_{101} 5 28.5 214.°09 1.°7/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.14	−25 47.0	2.149	2.960	13.5	22.0
5 1	16 46.09	−26 7.7	2.057	2.955	10.6	21.8
5 11	16 38.71	−26 23.0	1.988	2.950	7.3	21.6
5 21	16 29.59	−26 31.6	1.945	2.945	3.7	21.3
5 31	16 19.59	−26 32.8	1.929	2.940	1.9	21.2
6 10	16 9.79	−26 27.6	1.941	2.934	5.1	21.4
6 20	16 1.14	−26 18.1	1.980	2.927	8.7	21.6
6 30	15 54.45	−26 7.6	2.043	2.921	12.0	21.8

60862 2000 HJ_{74} 5 28.5 273.°80 4.°4/27.4 17

4 21	16 50.75	−12 34.5	1.442	2.285	17.4	19.3
5 1	16 46.69	−12 14.6	1.355	2.271	13.8	19.0
5 11	16 39.61	−11 57.8	1.288	2.256	9.6	18.7
5 21	16 30.14	−11 47.1	1.243	2.242	5.6	18.5
5 31	16 19.38	−11 45.3	1.223	2.227	4.8	18.4
6 10	16 8.76	−11 54.9	1.228	2.212	8.6	18.6
6 20	15 59.62	−12 17.0	1.256	2.198	13.2	18.8
6 30	15 53.05	−12 51.8	1.304	2.183	17.4	19.0

56455 2000 GW_{87} 5 28.5 328.°69 4.°9/27.6 18

4 21	16 45.53	−12 24.3	1.076	1.946	20.0	17.9
5 1	16 43.52	−12 12.5	0.998	1.929	15.9	17.6
5 11	16 38.00	−12 6.3	0.937	1.913	11.2	17.3
5 21	16 29.58	−12 9.4	0.896	1.897	6.4	16.9
5 31	16 19.56	−12 25.2	0.876	1.883	5.3	16.8
6 10	16 9.66	−12 55.7	0.878	1.869	9.8	17.0
6 20	16 1.54	−13 40.9	0.900	1.857	15.2	17.3
6 30	15 56.55	−14 39.6	0.940	1.847	20.1	17.5

253827 2003 YQ_{74} 5 28.5 257.°56 1.°7/29.0 18

4 21	16 53.10	−25 51.6	1.829	2.646	15.3	21.6
5 1	16 48.23	−26 1.0	1.724	2.625	12.2	21.3
5 11	16 40.52	−26 3.5	1.639	2.603	8.4	21.0
5 21	16 30.53	−25 57.6	1.580	2.581	4.1	20.7
5 31	16 19.26	−25 42.5	1.547	2.558	1.9	20.5
6 10	16 8.02	−25 19.9	1.541	2.535	6.0	20.7
6 20	15 58.06	−24 53.2	1.561	2.511	10.5	20.9
6 30	15 50.45	−24 26.9	1.604	2.486	14.5	21.1

500998 2013 RP_{23} 5 28.5 240.°39 3.°6/26.9 17

4 21	16 49.09	−14 47.6	1.879	2.709	14.4	21.9
5 1	16 44.60	−14 1.6	1.788	2.698	11.3	21.7
5 11	16 37.76	−13 14.0	1.720	2.687	7.8	21.5
5 21	16 29.18	−12 27.6	1.677	2.676	4.4	21.3
5 31	16 19.75	−11 46.1	1.661	2.664	4.0	21.2
6 10	16 10.54	−11 13.3	1.671	2.652	7.2	21.4
6 20	16 2.52	−10 51.8	1.707	2.639	11.0	21.6
6 30	15 56.48	−10 43.5	1.766	2.626	14.4	21.7

225247 2009 QY_{32} 5 28.5 292.°87 4.°9/26.7 18

4 21	16 47.38	−12 36.4	1.572	2.416	16.1	20.3
5 1	16 43.77	−11 50.9	1.484	2.399	12.8	20.0
5 11	16 37.50	−11 5.8	1.416	2.383	9.0	19.7
5 21	16 29.15	−10 25.1	1.371	2.367	5.6	19.5
5 31	16 19.75	− 9 53.0	1.351	2.352	5.3	19.4
6 10	16 10.51	− 9 33.7	1.357	2.336	8.6	19.6
6 20	16 2.59	− 9 29.5	1.385	2.320	12.7	19.8
6 30	15 56.95	− 9 41.4	1.434	2.305	16.6	20.0

380169 2000 QD_{195} 5 28.5 279.°45 0.°7/28.3 17

4 21	16 49.92	−19 59.7	1.845	2.673	14.7	21.4
5 1	16 45.62	−19 57.6	1.739	2.649	11.6	21.1
5 11	16 38.71	−19 52.8	1.655	2.625	7.8	20.8
5 21	16 29.71	−19 45.5	1.596	2.601	3.5	20.5
5 31	16 19.55	−19 36.4	1.563	2.576	1.5	20.3
6 10	16 9.39	−19 27.3	1.557	2.551	6.0	20.6
6 20	16 0.36	−19 20.8	1.577	2.525	10.5	20.8
6 30	15 53.47	−19 19.3	1.620	2.500	14.5	21.0

498235 2007 UD_{53} 5 28.5 261.°07 1.°2/28.8 17

4 21	16 52.11	−24 17.1	1.589	2.419	16.6	22.3
5 1	16 47.74	−24 26.3	1.496	2.405	13.1	22.0
5 11	16 40.32	−24 29.4	1.422	2.391	8.9	21.8
5 21	16 30.47	−24 25.0	1.372	2.376	4.2	21.4
5 31	16 19.31	−24 12.9	1.348	2.361	1.6	21.2
6 10	16 8.28	−23 55.0	1.350	2.345	6.4	21.5
6 20	15 58.75	−23 34.7	1.376	2.330	11.3	21.7
6 30	15 51.82	−23 16.7	1.424	2.314	15.6	21.9

121573 1999 VZ_{87} 5 28.5 261.°80 8.°4/28.8 18 R

4 21	17 1.46	− 0 56.3	1.200	2.021	21.4	18.6
5 1	16 55.76	− 1 23.6	1.116	2.010	17.8	18.3
5 11	16 46.13	− 2 14.9	1.049	1.999	13.6	18.0
5 21	16 33.21	− 3 34.8	1.004	1.987	9.7	17.7
5 31	16 18.36	− 5 24.5	0.983	1.975	8.6	17.6
6 10	16 3.51	− 7 39.3	0.987	1.963	11.5	17.7
6 20	15 50.53	−10 10.6	1.016	1.951	16.3	18.0
6 30	15 40.88	−12 49.4	1.066	1.938	20.9	18.2

470480 2008 AM_{135} 5 28.5 127.°96 3.°5/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.15	− 9 28.3	2.600	3.411	11.5	21.6
5 1	16 43.02	− 9 18.9	2.527	3.422	9.0	21.5
5 11	16 36.26	− 9 13.5	2.477	3.434	6.4	21.3
5 21	16 28.40	− 9 13.7	2.454	3.445	4.1	21.2
5 31	16 20.07	− 9 20.8	2.460	3.456	3.8	21.2
6 10	16 12.01	− 9 35.5	2.494	3.466	5.7	21.3
6 20	16 4.85	− 9 57.9	2.555	3.476	8.3	21.5
6 30	15 59.11	−10 27.7	2.641	3.485	10.7	21.7

368757 2005 VW_2 5 28.5 142.°42 2.°5/27.3 17

4 21	16 50.30	−15 10.9	2.408	3.222	12.2	22.1
5 1	16 44.77	−14 40.4	2.334	3.235	9.4	21.9
5 11	16 37.46	−14 9.5	2.285	3.249	6.3	21.7
5 21	16 28.92	−13 40.1	2.262	3.261	3.4	21.6
5 31	16 19.91	−13 14.2	2.268	3.273	2.8	21.5
6 10	16 11.25	−12 53.9	2.303	3.284	5.5	21.7
6 20	16 3.63	−12 40.9	2.365	3.294	8.5	21.9
6 30	15 57.62	−12 36.3	2.452	3.303	11.2	22.1

321723 2010 KY_{44} 5 28.5 255.°83 7.°3/24.5 18

4 21	16 44.74	+ 0 0.5	2.472	3.274	12.2	20.8
5 1	16 40.61	+ 0 58.1	2.389	3.264	10.3	20.6
5 11	16 34.81	+ 1 47.7	2.329	3.253	8.5	20.5
5 21	16 27.82	+ 2 25.3	2.293	3.243	7.4	20.4
5 31	16 20.26	+ 2 47.3	2.284	3.232	7.6	20.4
6 10	16 12.88	+ 2 51.7	2.300	3.221	9.0	20.5
6 20	16 6.32	+ 2 38.1	2.341	3.210	11.0	20.6
6 30	16 1.15	+ 2 7.8	2.403	3.199	13.1	20.7

106380 2000 VE_{15} 5 28.5 208.°44 0.°6/28.3 17

4 21	16 52.95	−20 24.2	1.831	2.654	15.0	20.9
5 1	16 47.76	−20 21.8	1.742	2.649	11.7	20.6
5 11	16 39.96	−20 16.3	1.675	2.643	7.8	20.4
5 21	16 30.20	−20 7.6	1.633	2.637	3.4	20.1
5 31	16 19.46	−19 56.6	1.618	2.630	1.4	19.9
6 10	16 8.95	−19 45.3	1.630	2.623	5.9	20.2
6 20	15 59.78	−19 36.1	1.668	2.615	10.2	20.5
6 30	15 52.83	−19 31.8	1.730	2.606	14.0	20.7

233386 2006 EH_{19} 5 28.5 350.°31 2.°4/27.6 18

4 21	16 47.14	−17 9.3	1.792	2.628	14.7	20.8
5 1	16 43.14	−16 38.5	1.713	2.627	11.4	20.6
5 11	16 36.79	−16 5.6	1.656	2.626	7.7	20.3
5 21	16 28.76	−15 32.7	1.623	2.626	3.8	20.1
5 31	16 19.96	−15 2.6	1.616	2.625	2.9	20.0
6 10	16 11.48	−14 38.4	1.636	2.625	6.4	20.3
6 20	16 4.27	−14 22.7	1.681	2.624	10.4	20.5
6 30	15 59.10	−14 17.0	1.749	2.624	13.9	20.7

280372 2003 UQ_{16} 5 28.5 315.°65 5.°8/31.1 18

4 21	16 47.96	−36 42.2	1.582	2.392	17.6	19.4
5 1	16 44.98	−36 46.3	1.477	2.365	14.6	19.1
5 11	16 38.74	−36 31.9	1.390	2.337	11.2	18.9
5 21	16 29.86	−35 54.6	1.326	2.310	7.7	18.6
5 31	16 19.54	−34 52.5	1.285	2.284	5.8	18.4
6 10	16 9.39	−33 28.5	1.269	2.258	7.8	18.4
6 20	16 0.90	−31 50.0	1.277	2.232	11.7	18.6
6 30	15 55.25	−30 6.8	1.306	2.208	15.9	18.8

179422 2002 AT_{43} 5 28.5 151.°55 3.°6/26.9 18

4 21	16 46.30	−10 7.0	2.602	3.417	11.3	20.6
5 1	16 41.65	− 9 42.4	2.524	3.422	8.9	20.5
5 11	16 35.40	− 9 20.9	2.469	3.427	6.3	20.3
5 21	16 28.04	− 9 4.5	2.441	3.432	4.1	20.2
5 31	16 20.21	− 8 54.9	2.442	3.436	3.9	20.2
6 10	16 12.61	− 8 53.7	2.470	3.440	5.9	20.3
6 20	16 5.88	− 9 1.4	2.525	3.444	8.4	20.5
6 30	16 0.53	− 9 18.1	2.604	3.448	10.9	20.6

255550 2006 JB_{26} 5 28.5 337.°55 5.°1/29.6 17

4 21	16 38.46	−28 37.7	0.937	1.816	21.5	19.8
5 1	16 38.95	−29 23.6	0.856	1.791	17.5	19.4
5 11	16 35.56	−29 59.4	0.791	1.767	12.6	19.1
5 21	16 28.75	−30 20.3	0.744	1.744	7.6	18.7
5 31	16 19.88	−30 22.5	0.715	1.724	5.2	18.5
6 10	16 11.04	−30 6.3	0.707	1.706	9.2	18.6
6 20	16 4.30	−29 36.8	0.716	1.691	15.0	18.8
6 30	16 1.32	−29 2.1	0.742	1.678	20.4	19.1

24472 2000 SY_{317} 5 28.5 234.°74 0.°8/27.7 18

4 21	16 39.17	−19 15.1	4.519	5.329	7.0	18.9
5 1	16 35.62	−18 43.7	4.426	5.327	5.3	18.8
5 11	16 31.18	−18 10.3	4.358	5.324	3.5	18.7
5 21	16 26.15	−17 35.9	4.318	5.321	1.6	18.5
5 31	16 20.86	−17 1.8	4.309	5.319	1.1	18.5
6 10	16 15.70	−16 29.1	4.329	5.316	2.8	18.6
6 20	16 10.99	−15 59.3	4.379	5.314	4.7	18.7
6 30	16 7.05	−15 33.4	4.455	5.311	6.5	18.9

62515 2000 SX_{242} 5 28.5 329°.81 2°.7/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.13	−16 1.8	1.412	2.265	17.1	18.7
5 1	16 43.17	−15 52.3	1.328	2.251	13.4	18.5
5 11	16 37.30	−15 43.4	1.264	2.238	9.1	18.2
5 21	16 29.15	−15 36.9	1.222	2.226	4.5	17.9
5 31	16 19.82	−15 34.8	1.205	2.214	3.2	17.7
6 10	16 10.68	−15 39.5	1.211	2.204	7.5	18.0
6 20	16 3.01	−15 52.6	1.241	2.194	12.3	18.2
6 30	15 57.85	−16 15.3	1.291	2.185	16.6	18.4

27698 1981 EN_{47} 5 28.5 321°.34 8°.0/29.7 18

4 21	16 46.82	−32 35.1	1.073	1.925	21.4	18.5
5 1	16 45.57	−33 51.5	0.985	1.899	17.8	18.2
5 11	16 40.12	−34 58.8	0.914	1.875	13.6	17.9
5 21	16 30.86	−35 49.2	0.861	1.851	9.6	17.5
5 31	16 19.15	−36 14.8	0.829	1.828	8.0	17.4
6 10	16 7.23	−36 12.8	0.818	1.807	10.8	17.4
6 20	15 57.41	−35 46.7	0.825	1.787	15.6	17.6
6 30	15 51.57	−35 6.0	0.850	1.768	20.6	17.8

68838 2002 GL_{115} 5 28.5 250°.79 5°.4/26.7 18

4 21	16 49.94	−10 37.6	1.624	2.459	16.1	19.8
5 1	16 45.61	− 9 54.6	1.539	2.448	12.8	19.5
5 11	16 38.65	− 9 14.3	1.474	2.437	9.2	19.3
5 21	16 29.67	− 8 40.7	1.434	2.426	6.1	19.1
5 31	16 19.67	− 8 17.9	1.419	2.415	5.8	19.0
6 10	16 9.89	− 8 9.2	1.429	2.403	8.8	19.2
6 20	16 1.46	− 8 16.2	1.463	2.391	12.7	19.4
6 30	15 55.27	− 8 38.9	1.518	2.379	16.4	19.6

123271 2000 UA_{88} 5 28.5 223°.67 0°.4/28.4 18

4 21	16 49.92	−20 52.1	2.036	2.858	13.8	20.4
5 1	16 45.16	−20 48.4	1.946	2.852	10.7	20.2
5 11	16 38.11	−20 41.2	1.878	2.846	7.1	20.0
5 21	16 29.36	−20 30.9	1.835	2.839	3.1	19.7
5 31	16 19.78	−20 18.3	1.820	2.832	1.2	19.5
6 10	16 10.42	−20 5.3	1.832	2.825	5.3	19.8
6 20	16 2.21	−19 54.2	1.871	2.818	9.2	20.0
6 30	15 55.94	−19 47.3	1.934	2.810	12.7	20.2

368950 2006 YL_{3} 5 28.5 263°.07 0°.4/28.7 17

4 21	16 51.15	−23 27.6	1.809	2.633	15.1	21.9
5 1	16 46.63	−23 22.2	1.707	2.614	11.9	21.7
5 11	16 39.41	−23 10.6	1.626	2.594	8.0	21.4
5 21	16 30.05	−22 52.3	1.570	2.574	3.6	21.1
5 31	16 19.54	−22 28.0	1.540	2.553	1.2	20.8
6 10	16 9.11	−22 0.2	1.538	2.532	5.9	21.1
6 20	15 59.95	−21 32.3	1.561	2.511	10.4	21.3
6 30	15 53.05	−21 8.5	1.607	2.489	14.5	21.5

336284 2008 SC_{253} 5 28.5 245°.74 0°.5/28.3 17

4 21	16 48.61	−21 49.9	1.990	2.814	13.9	21.3
5 1	16 44.19	−21 30.2	1.899	2.807	10.8	21.1
5 11	16 37.49	−21 5.0	1.830	2.800	7.2	20.9
5 21	16 29.09	−20 35.3	1.787	2.792	3.2	20.6
5 31	16 19.89	−20 2.7	1.771	2.784	1.3	20.4
6 10	16 10.94	−19 30.0	1.783	2.776	5.4	20.7
6 20	16 3.17	−19 0.5	1.820	2.768	9.4	20.9
6 30	15 57.35	−18 37.2	1.881	2.759	12.9	21.1

342315 2008 TS_{71} 5 28.5 270°.03 0°.3/28.6 18

4 21	16 50.77	−22 15.7	2.068	2.886	13.7	21.0
5 1	16 46.05	−22 22.9	1.958	2.862	10.8	20.7
5 11	16 38.90	−22 26.5	1.871	2.838	7.3	20.5
5 21	16 29.81	−22 26.0	1.808	2.812	3.3	20.2
5 31	16 19.63	−22 21.4	1.774	2.787	1.1	19.9
6 10	16 9.44	−22 13.9	1.767	2.761	5.4	20.2
6 20	16 0.28	−22 5.7	1.787	2.734	9.5	20.4
6 30	15 53.07	−21 59.7	1.830	2.707	13.3	20.5

25882 2000 RY_{47} 5 28.5 204°.10 0°.8/28.9 18

4 21	16 50.55	−25 51.2	2.344	3.151	12.7	19.3
5 1	16 45.34	−25 32.5	2.249	3.146	9.9	19.1
5 11	16 38.07	−25 6.3	2.177	3.140	6.7	18.9
5 21	16 29.30	−24 32.5	2.132	3.134	3.1	18.6
5 31	16 19.85	−23 52.5	2.115	3.128	1.1	18.5
6 10	16 10.65	−23 8.7	2.127	3.121	4.7	18.7
6 20	16 2.56	−22 24.7	2.167	3.113	8.2	18.9
6 30	15 56.24	−21 44.1	2.232	3.105	11.4	19.1

336823 2011 EH_{40} 5 28.5 2°.64 9°.5/24.9 17

4 21	16 44.27	− 3 13.3	1.436	2.279	17.4	20.3
5 1	16 41.28	− 1 51.7	1.373	2.278	14.4	20.1
5 11	16 35.74	− 0 39.8	1.330	2.278	11.5	19.9
5 21	16 28.36	+ 0 15.3	1.309	2.278	9.7	19.8
5 31	16 20.17	+ 0 47.0	1.311	2.280	10.0	19.8
6 10	16 12.38	+ 0 52.0	1.336	2.282	12.1	19.9
6 20	16 6.02	+ 0 30.5	1.381	2.285	15.0	20.1
6 30	16 1.89	− 0 14.5	1.445	2.288	18.0	20.3

320428 2007 VP_{89} 5 28.5 145°.08 0°.5/28.4 17

	h m	° ′			°	m
4 21	16 53.94	−20 21.5	1.807	2.629	15.3	21.6
5 1	16 48.38	−20 24.7	1.732	2.638	11.8	21.4
5 11	16 40.27	−20 25.1	1.678	2.647	7.8	21.2
5 21	16 30.31	−20 22.6	1.650	2.655	3.4	20.9
5 31	16 19.54	−20 17.7	1.649	2.662	1.3	20.8
6 10	16 9.16	−20 12.2	1.676	2.669	5.7	21.1
6 20	16 0.23	−20 8.2	1.729	2.675	9.9	21.4
6 30	15 53.56	−20 8.3	1.805	2.681	13.5	21.6

180140 2003 FE_{117} 5 28.5 14°.13 4°.5/29.3 17

4 21	16 52.18	−29 19.9	1.866	2.677	15.3	19.1
5 1	16 47.45	−30 37.1	1.787	2.680	12.2	18.9
5 11	16 39.95	−31 48.9	1.731	2.684	8.9	18.7
5 21	16 30.30	−32 50.9	1.699	2.688	5.7	18.6
5 31	16 19.52	−33 39.3	1.694	2.693	4.5	18.5
6 10	16 8.92	−34 12.8	1.715	2.699	6.7	18.6
6 20	15 59.71	−34 32.8	1.762	2.705	10.0	18.8
6 30	15 52.86	−34 43.1	1.832	2.712	13.1	19.0

5146 Moiwa 5 28.5 356°.18 10°.3/ 1.1 18

4 21	16 50.98	−43 30.9	1.548	2.332	19.0	16.5
5 1	16 47.72	−44 43.0	1.472	2.328	16.5	16.3
5 11	16 40.74	−45 36.1	1.414	2.326	13.8	16.1
5 21	16 30.79	−46 3.0	1.376	2.324	11.4	15.9
5 31	16 19.36	−45 58.5	1.360	2.323	10.3	15.9
6 10	16 8.33	−45 23.0	1.367	2.322	11.0	15.9
6 20	15 59.42	−44 22.2	1.395	2.323	13.2	16.0
6 30	15 53.83	−43 5.5	1.444	2.325	16.0	16.2

507723 2013 VX_{17} 5 28.5 216°.75 2°.2/29.4 17

4 21	16 52.50	−28 5.6	2.330	3.129	13.0	22.3
5 1	16 47.05	−28 20.6	2.230	3.120	10.3	22.1
5 11	16 39.35	−28 28.6	2.154	3.111	7.2	21.9
5 21	16 29.94	−28 28.2	2.103	3.100	3.9	21.6
5 31	16 19.66	−28 18.6	2.081	3.090	2.3	21.5
6 10	16 9.54	−28 1.2	2.087	3.078	5.0	21.7
6 20	16 0.51	−27 38.3	2.121	3.066	8.4	21.8
6 30	15 53.37	−27 13.8	2.179	3.053	11.6	22.0

249627 1999 TC_{60} 5 28.5 290°.25 4°.8/30.4 18

4 21	16 49.50	−35 9.6	2.289	3.077	13.5	20.8
5 1	16 44.99	−35 43.0	2.194	3.068	11.1	20.6
5 11	16 38.11	−36 6.1	2.120	3.058	8.4	20.4
5 21	16 29.43	−36 15.9	2.071	3.049	5.9	20.3
5 31	16 19.83	−36 10.8	2.048	3.040	4.8	20.2
6 10	16 10.40	−35 51.5	2.052	3.031	6.2	20.2
6 20	16 2.14	−35 20.8	2.082	3.022	8.8	20.4
6 30	15 55.88	−34 43.4	2.136	3.013	11.6	20.6

150247 1999 JK_{30} 5 28.5 36°.05 1°.0/28.4 17

4 21	16 52.84	−15 59.2	1.286	2.133	18.8	18.8
5 1	16 48.28	−16 48.6	1.231	2.151	14.5	18.5
5 11	16 40.54	−17 42.3	1.196	2.170	9.6	18.3
5 21	16 30.50	−18 38.3	1.184	2.189	4.3	18.0
5 31	16 19.52	−19 34.4	1.197	2.210	1.7	17.9
6 10	16 9.15	−20 28.9	1.235	2.231	6.8	18.3
6 20	16 0.70	−21 21.3	1.297	2.253	11.6	18.6
6 30	15 55.11	−22 12.0	1.380	2.275	15.6	18.9

431008 2005 YN_{78} 5 28.5 117°.50 0°.5/28.4 17

4 21	16 50.44	−20 36.1	1.891	2.717	14.5	21.9
5 1	16 45.60	−20 35.0	1.815	2.724	11.3	21.7
5 11	16 38.39	−20 30.8	1.762	2.731	7.4	21.4
5 21	16 29.49	−20 23.7	1.733	2.738	3.3	21.2
5 31	16 19.85	−20 14.6	1.731	2.744	1.2	21.1
6 10	16 10.56	−20 5.4	1.757	2.751	5.4	21.4
6 20	16 2.59	−19 58.3	1.809	2.757	9.4	21.6
6 30	15 56.69	−19 55.4	1.884	2.763	12.9	21.8

110554 2001 TD_{104} 5 28.5 128°.47 2°.1/27.5 18

4 21	16 50.09	−19 23.9	1.926	2.752	14.3	19.9
5 1	16 45.11	−18 29.7	1.852	2.761	11.0	19.7
5 11	16 37.94	−17 30.5	1.802	2.771	7.3	19.5
5 21	16 29.24	−16 28.9	1.777	2.780	3.5	19.3
5 31	16 19.96	−15 28.7	1.779	2.788	2.6	19.3
6 10	16 11.13	−14 34.1	1.810	2.797	6.1	19.5
6 20	16 3.61	−13 48.8	1.867	2.805	9.8	19.7
6 30	15 58.08	−13 15.3	1.947	2.812	13.1	20.0

141334 2001 YP_{154} 5 28.5 24°.09 1°.0/28.2 18

4 21	16 46.36	−19 9.4	1.994	2.825	13.7	19.9
5 1	16 42.34	−19 2.4	1.917	2.829	10.6	19.7
5 11	16 36.19	−18 53.3	1.863	2.833	7.0	19.5
5 21	16 28.52	−18 43.0	1.834	2.838	3.1	19.3
5 31	16 20.18	−18 32.6	1.831	2.843	1.6	19.2
6 10	16 12.15	−18 24.1	1.856	2.848	5.3	19.5
6 20	16 5.27	−18 19.3	1.906	2.854	9.0	19.7
6 30	16 0.24	−18 19.9	1.980	2.860	12.3	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
45820 2000 QQ_{102}			5 28.5 317°.88		0°.3/28.5 18	
	h m	° ′			°	m
4 21	16 48.04	−20 29.2	1.524	2.367	16.5	19.0
5 1	16 44.61	−20 39.9	1.435	2.353	13.0	18.7
5 11	16 38.27	−20 48.5	1.366	2.339	8.7	18.4
5 21	16 29.65	−20 54.5	1.320	2.326	3.9	18.1
5 31	16 19.79	−20 58.4	1.300	2.313	1.3	17.9
6 10	16 10.07	−21 1.4	1.304	2.300	6.5	18.2
6 20	16 1.78	−21 5.8	1.332	2.288	11.3	18.4
6 30	15 55.97	−21 14.0	1.382	2.277	15.6	18.6
89225 2001 UE_{126}			5 28.5 125°.35		5°.8/25.9 18	
4 21	16 46.05	− 4 54.2	2.374	3.187	12.3	20.2
5 1	16 41.59	− 4 9.3	2.303	3.194	10.0	20.1
5 11	16 35.44	− 3 30.6	2.256	3.200	7.6	19.9
5 21	16 28.13	− 3 1.3	2.234	3.207	6.0	19.8
5 31	16 20.35	− 2 44.2	2.239	3.213	6.0	19.9
6 10	16 12.84	− 2 41.1	2.271	3.220	7.7	20.0
6 20	16 6.26	− 2 52.2	2.328	3.226	10.0	20.1
6 30	16 1.17	− 3 16.7	2.408	3.231	12.3	20.3
105628 2000 SG_5			5 28.5 166°.20		16°.5/ 5.7 18	
4 21	17 14.32	−56 39.0	1.360	2.069	24.5	20.1
5 1	17 8.22	−58 1.4	1.293	2.074	22.4	19.9
5 11	16 55.56	−58 53.1	1.238	2.078	20.2	19.8
5 21	16 37.57	−58 59.6	1.199	2.081	18.1	19.6
5 31	16 17.27	−58 9.7	1.178	2.083	16.8	19.5
6 10	15 58.59	−56 23.9	1.177	2.085	16.7	19.5
6 20	15 44.53	−53 54.4	1.196	2.086	17.9	19.6
6 30	15 36.45	−51 0.4	1.234	2.086	19.9	19.8
106884 2000 YN_{37}			5 28.5 145°.08		1°.4/28.0 18	
4 21	16 52.92	−18 56.6	1.842	2.665	15.0	20.6
5 1	16 47.49	−18 38.8	1.768	2.675	11.6	20.4
5 11	16 39.63	−18 18.3	1.716	2.685	7.7	20.2
5 21	16 30.04	−17 56.0	1.689	2.693	3.5	19.9
5 31	16 19.73	−17 33.8	1.690	2.701	2.0	19.8
6 10	16 9.84	−17 14.2	1.718	2.708	5.9	20.1
6 20	16 1.35	−16 59.9	1.772	2.715	9.9	20.4
6 30	15 55.02	−16 52.8	1.850	2.721	13.4	20.6
112918 2002 QD_{62}			5 28.5 28°.60		1°.3/28.0 17	
4 21	16 47.44	−19 32.9	1.854	2.687	14.5	20.0
5 1	16 43.33	−19 13.3	1.776	2.689	11.2	19.8
5 11	16 36.93	−18 50.4	1.720	2.691	7.4	19.6
5 21	16 28.88	−18 25.4	1.689	2.694	3.3	19.3
5 31	16 20.10	−18 0.3	1.685	2.696	1.8	19.2
6 10	16 11.65	−17 38.0	1.707	2.699	5.7	19.5
6 20	16 4.47	−17 20.8	1.755	2.702	9.7	19.7
6 30	15 59.29	−17 11.1	1.825	2.705	13.2	19.9
17461 Shigosenger			5 28.5 269°.32		1°.3/29.1 18	
4 21	16 48.16	−26 5.7	2.390	3.200	12.4	19.5
5 1	16 43.67	−26 5.5	2.283	3.181	9.7	19.2
5 11	16 37.11	−25 59.0	2.199	3.162	6.7	19.0
5 21	16 28.99	−25 45.5	2.141	3.142	3.3	18.8
5 31	16 20.04	−25 25.3	2.111	3.122	1.5	18.6
6 10	16 11.20	−25 0.1	2.108	3.102	4.7	18.8
6 20	16 3.30	−24 32.5	2.133	3.082	8.2	19.0
6 30	15 57.10	−24 5.7	2.183	3.061	11.4	19.1
315252 2007 TW_7			5 28.5 223°.74		1°.7/27.9 17	
4 21	16 52.43	−18 26.6	1.801	2.627	15.1	22.0
5 1	16 47.43	−18 9.9	1.709	2.618	11.8	21.8
5 11	16 39.82	−17 50.5	1.639	2.608	7.9	21.5
5 21	16 30.23	−17 29.5	1.594	2.598	3.7	21.2
5 31	16 19.64	−17 8.6	1.576	2.587	2.2	21.1
6 10	16 9.24	−16 50.6	1.585	2.575	6.3	21.3
6 20	16 0.15	−16 38.0	1.620	2.563	10.6	21.6
6 30	15 53.27	−16 33.2	1.677	2.550	14.5	21.8
437640 2014 BH_{38}			5 28.5 289°.07		6°.6/25.7 18	
4 21	16 45.80	− 4 23.3	2.078	2.898	13.6	21.1
5 1	16 41.75	− 3 33.7	1.999	2.893	11.1	20.9
5 11	16 35.75	− 2 50.9	1.942	2.888	8.6	20.7
5 21	16 28.34	− 2 18.9	1.910	2.882	6.9	20.6
5 31	16 20.28	− 2 1.5	1.904	2.877	7.0	20.6
6 10	16 12.45	− 2 0.7	1.923	2.872	8.8	20.7
6 20	16 5.64	− 2 17.0	1.967	2.867	11.4	20.9
6 30	16 0.48	− 2 49.3	2.032	2.862	14.0	21.0
459487 2013 CW_{110}			5 28.5 55°.01		3°.8/27.8 16	
4 21	16 51.75	−13 43.0	1.245	2.096	19.1	21.5
5 1	16 47.61	−13 32.7	1.181	2.102	14.9	21.2
5 11	16 40.23	−13 26.1	1.136	2.108	10.2	21.0
5 21	16 30.45	−13 25.2	1.113	2.115	5.4	20.7
5 31	16 19.61	−13 32.4	1.114	2.122	4.2	20.6
6 10	16 9.30	−13 49.0	1.139	2.129	8.4	20.9
6 20	16 0.86	−14 15.7	1.187	2.136	13.1	21.2
6 30	15 55.28	−14 52.2	1.255	2.143	17.3	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
190123 2004 XQ_6			5 28.5 278°.75		3°.4/29.7 18	
	h m	° ′			°	m
4 21	16 51.85	−30 28.0	1.988	2.794	14.7	20.2
5 1	16 47.27	−30 45.8	1.875	2.766	11.9	20.0
5 11	16 39.94	−30 54.4	1.783	2.738	8.6	19.7
5 21	16 30.40	−30 51.1	1.715	2.709	5.1	19.5
5 31	16 19.58	−30 34.6	1.674	2.680	3.4	19.3
6 10	16 8.73	−30 5.6	1.660	2.650	6.1	19.4
6 20	15 59.05	−29 27.8	1.672	2.620	10.0	19.6
6 30	15 51.61	−28 46.3	1.707	2.590	13.8	19.7
102286 1999 TR_{65}			5 28.5 110°.58		0°.7/28.8 18	
4 21	16 53.30	−24 2.5	1.664	2.489	16.2	20.3
5 1	16 48.11	−24 1.3	1.595	2.502	12.6	20.1
5 11	16 40.19	−23 53.5	1.547	2.515	8.4	19.8
5 21	16 30.33	−23 38.6	1.524	2.527	3.8	19.6
5 31	16 19.68	−23 17.6	1.526	2.539	1.3	19.4
6 10	16 9.55	−22 53.2	1.556	2.551	5.8	19.8
6 20	16 1.04	−22 28.9	1.611	2.563	10.1	20.0
6 30	15 54.97	−22 8.6	1.689	2.574	13.8	20.3
420872 2013 KW_7			5 28.5 307°.05		1°.9/28.8 17	
4 21	16 50.24	−23 11.7	1.301	2.149	18.6	20.7
5 1	16 47.20	−23 52.6	1.206	2.125	14.8	20.4
5 11	16 40.60	−24 32.1	1.129	2.101	10.2	20.0
5 21	16 30.93	−25 7.6	1.074	2.078	5.0	19.7
5 31	16 19.37	−25 36.2	1.043	2.055	2.3	19.4
6 10	16 7.65	−25 57.0	1.035	2.033	7.6	19.7
6 20	15 57.51	−26 11.7	1.050	2.011	13.1	19.9
6 30	15 50.46	−26 24.2	1.085	1.989	18.2	20.1
217226 2002 XX_{51}			5 28.5 247°.79		1°.4/28.1 18	
4 21	16 51.17	−18 41.0	1.942	2.766	14.3	20.9
5 1	16 46.37	−18 29.1	1.842	2.750	11.2	20.6
5 11	16 39.10	−18 14.8	1.765	2.733	7.5	20.4
5 21	16 29.94	−17 58.9	1.712	2.716	3.4	20.1
5 31	16 19.78	−17 42.7	1.687	2.698	1.9	19.9
6 10	16 9.71	−17 28.5	1.689	2.680	6.0	20.1
6 20	16 0.79	−17 18.6	1.717	2.661	10.1	20.4
6 30	15 53.89	−17 15.3	1.769	2.642	13.9	20.5
71992 2000 WF_{169}			5 28.6 180°.10		2°.7/27.5 17	
4 21	16 51.60	−16 18.5	1.838	2.665	14.8	19.7
5 1	16 46.55	−15 45.7	1.758	2.666	11.6	19.5
5 11	16 39.08	−15 11.2	1.699	2.667	7.8	19.2
5 21	16 29.87	−14 37.2	1.666	2.667	4.0	19.0
5 31	16 19.88	−14 6.6	1.660	2.667	3.2	18.9
6 10	16 10.22	−13 42.4	1.681	2.666	6.6	19.2
6 20	16 1.88	−13 26.9	1.728	2.665	10.5	19.4
6 30	15 55.63	−13 22.1	1.797	2.663	14.0	19.6
246850 2010 FP_{55}			5 28.6 202°.06		1°.7/29.2 17	
4 21	16 50.02	−26 33.8	2.177	2.987	13.4	21.2
5 1	16 45.21	−26 45.2	2.088	2.986	10.5	21.0
5 11	16 38.17	−26 50.2	2.022	2.984	7.2	20.8
5 21	16 29.48	−26 47.7	1.981	2.981	3.7	20.6
5 31	16 20.01	−26 37.6	1.968	2.979	1.9	20.5
6 10	16 10.77	−26 21.4	1.983	2.976	4.9	20.7
6 20	16 2.68	−26 1.6	2.024	2.973	8.5	20.9
6 30	15 56.50	−25 41.7	2.090	2.970	11.7	21.1
318908 2005 UK_{24}			5 28.6 210°.19		2°.1/29.1 16	
4 21	16 54.57	−25 57.8	1.495	2.323	17.6	21.5
5 1	16 49.81	−26 15.1	1.413	2.320	13.9	21.3
5 11	16 41.79	−26 24.9	1.350	2.316	9.6	21.0
5 21	16 31.24	−26 25.0	1.311	2.312	4.8	20.7
5 31	16 19.43	−26 14.6	1.296	2.308	2.3	20.5
6 10	16 7.93	−25 55.5	1.308	2.303	6.6	20.8
6 20	15 58.17	−25 31.9	1.344	2.298	11.4	21.1
6 30	15 51.25	−25 8.9	1.402	2.293	15.7	21.3
176597 2002 CO_{246}			5 28.6 328°.66		2°.3/29.5 18	
4 21	16 47.17	−28 10.1	2.077	2.893	13.7	20.3
5 1	16 43.19	−28 22.1	1.987	2.886	10.9	20.1
5 11	16 36.93	−28 26.4	1.919	2.879	7.6	19.9
5 21	16 28.97	−28 21.9	1.875	2.873	4.1	19.6
5 31	16 20.19	−28 8.1	1.858	2.867	2.4	19.5
6 10	16 11.61	−27 46.9	1.868	2.862	5.2	19.7
6 20	16 4.21	−27 21.2	1.904	2.856	8.7	19.9
6 30	15 58.75	−26 54.6	1.964	2.851	12.0	20.1
487671 2015 PP_{113}			5 28.6 298°.92		6°.0/26.0 18	
4 21	16 45.16	− 4 29.2	2.265	3.082	12.7	21.5
5 1	16 41.18	− 3 53.4	2.178	3.070	10.4	21.3
5 11	16 35.37	− 3 24.2	2.114	3.059	8.0	21.1
5 21	16 28.23	− 3 5.0	2.074	3.048	6.3	21.0
5 31	16 20.44	− 2 58.8	2.060	3.036	6.3	21.0
6 10	16 12.80	− 3 7.2	2.073	3.025	8.1	21.1
6 20	16 6.06	− 3 30.6	2.111	3.014	10.6	21.2
6 30	16 0.84	− 4 8.0	2.171	3.003	13.1	21.3

36273 2000 AM_{68} 5 28.6 23°.50 3°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 4.11	− 6 15.6	1.526	2.332	18.3	16.7
5 1	16 56.88	− 7 55.0	1.447	2.340	14.6	16.5
5 11	16 46.35	− 9 53.2	1.390	2.348	10.1	16.2
5 21	16 33.24	−12 7.7	1.360	2.357	5.5	16.0
5 31	16 18.81	−14 32.2	1.359	2.367	3.4	15.9
6 10	16 4.63	−16 58.9	1.389	2.378	7.3	16.1
6 20	15 52.18	−19 20.7	1.449	2.390	11.8	16.4
6 30	15 42.58	−21 33.6	1.533	2.402	15.8	16.7

485781 2012 DR_{4} 5 28.6 169°.76 18°.9/22.9 18

4 21	16 56.60	+16 53.8	1.336	2.100	22.5	21.4
5 1	16 51.06	+18 52.5	1.292	2.104	20.8	21.3
5 11	16 42.36	+20 21.3	1.262	2.108	19.5	21.2
5 21	16 31.38	+21 9.2	1.250	2.111	18.9	21.2
5 31	16 19.46	+21 8.3	1.256	2.113	19.2	21.2
6 10	16 8.16	+20 17.6	1.279	2.114	20.3	21.3
6 20	15 58.76	+18 42.6	1.319	2.114	21.9	21.4
6 30	15 52.17	+16 32.5	1.374	2.113	23.6	21.5

113446 2002 SN_{44} 5 28.6 308°.54 0°.8/28.8 18

4 21	16 48.25	−22 58.4	1.376	2.224	17.8	19.9
5 1	16 45.38	−23 10.5	1.278	2.198	14.1	19.5
5 11	16 39.22	−23 17.9	1.198	2.171	9.6	19.2
5 21	16 30.30	−23 19.4	1.141	2.146	4.5	18.8
5 31	16 19.72	−23 14.6	1.107	2.120	1.5	18.6
6 10	16 9.06	−23 5.2	1.098	2.095	7.1	18.8
6 20	15 59.89	−22 54.4	1.111	2.071	12.6	19.1
6 30	15 53.54	−22 46.7	1.144	2.047	17.6	19.3

439246 2012 TY_{242} 5 28.6 116°.83 1°.8/29.2 17

4 21	16 50.76	−25 58.1	2.155	2.966	13.5	21.7
5 1	16 45.73	−26 20.1	2.075	2.973	10.6	21.5
5 11	16 38.48	−26 36.5	2.018	2.980	7.2	21.3
5 21	16 29.62	−26 46.0	1.987	2.987	3.7	21.1
5 31	16 20.02	−26 48.2	1.983	2.994	1.9	21.0
6 10	16 10.71	−26 44.0	2.007	3.000	4.9	21.2
6 20	16 2.60	−26 35.7	2.058	3.007	8.4	21.4
6 30	15 56.42	−26 26.3	2.134	3.013	11.5	21.6

331548 2000 VO_{47} 5 28.6 253°.54 6°.8/ 1.5 18

4 21	16 59.60	−45 5.5	2.539	3.264	13.9	20.6
5 1	16 52.92	−45 12.7	2.419	3.238	12.0	20.4
5 11	16 43.45	−45 2.3	2.319	3.212	9.9	20.2
5 21	16 31.88	−44 30.1	2.243	3.185	7.9	20.0
5 31	16 19.28	−43 33.4	2.194	3.158	6.9	19.9
6 10	16 6.98	−42 13.7	2.173	3.129	7.5	19.9
6 20	15 56.15	−40 35.7	2.179	3.100	9.5	20.0
6 30	15 47.73	−38 47.2	2.212	3.069	12.0	20.1

95356 2002 CU_{141} 5 28.6 30°.38 7°.7/24.8 18

4 21	16 43.84	− 3 59.8	1.872	2.701	14.5	18.3
5 1	16 40.30	− 2 39.6	1.815	2.712	11.9	18.2
5 11	16 34.79	− 1 27.1	1.781	2.724	9.4	18.1
5 21	16 27.94	− 0 27.8	1.770	2.736	7.8	18.0
5 31	16 20.59	+ 0 13.6	1.784	2.749	8.1	18.0
6 10	16 13.62	+ 0 34.4	1.823	2.762	9.8	18.2
6 20	16 7.80	+ 0 34.3	1.885	2.776	12.2	18.3
6 30	16 3.72	+ 0 14.8	1.967	2.790	14.6	18.5

242396 2004 FN_{45} 5 28.6 14°.25 1°.5/28.1 17

4 21	16 46.23	−18 3.7	1.690	2.532	15.3	19.7
5 1	16 42.64	−17 59.4	1.618	2.535	11.8	19.5
5 11	16 36.62	−17 54.0	1.567	2.540	7.8	19.3
5 21	16 28.84	−17 48.4	1.540	2.545	3.6	19.0
5 31	16 20.28	−17 44.3	1.539	2.550	2.0	18.9
6 10	16 12.07	−17 43.2	1.563	2.557	6.0	19.2
6 20	16 5.20	−17 46.9	1.613	2.564	10.1	19.4
6 30	16 0.44	−17 56.8	1.684	2.571	13.7	19.7

13997 1993 FB_{32} 5 28.6 232°.29 2°.1/27.8 18

4 21	16 50.91	−17 26.6	1.952	2.776	14.2	19.6
5 1	16 46.07	−17 1.9	1.858	2.765	11.1	19.3
5 11	16 38.86	−16 34.9	1.785	2.753	7.5	19.1
5 21	16 29.85	−16 7.0	1.738	2.741	3.6	18.8
5 31	16 19.95	−15 40.5	1.718	2.728	2.6	18.7
6 10	16 10.21	−15 18.1	1.726	2.714	6.2	18.9
6 20	16 1.64	−15 2.5	1.760	2.700	10.2	19.1
6 30	15 55.06	−14 55.6	1.817	2.685	13.8	19.3

203934 2003 QT_{37} 5 28.6 257°.59 6°.2/30.9 18

4 21	16 54.71	−39 26.7	2.327	3.089	14.0	21.2
5 1	16 49.34	−40 2.9	2.216	3.068	11.9	21.0
5 11	16 41.24	−40 26.6	2.126	3.045	9.4	20.8
5 21	16 30.99	−40 33.6	2.060	3.023	7.2	20.6
5 31	16 19.55	−40 20.9	2.021	2.999	6.2	20.5
6 10	16 8.18	−39 48.9	2.009	2.975	7.3	20.5
6 20	15 58.05	−39 0.6	2.022	2.951	9.7	20.6
6 30	15 50.16	−38 2.0	2.060	2.926	12.5	20.7

74393 1998 XX_{56} 5 28.6 281°.56 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.09	−16 6.3	2.057	2.881	13.5	19.6
5 1	16 44.70	−16 2.6	1.950	2.858	10.6	19.4
5 11	16 38.02	−15 59.3	1.866	2.834	7.2	19.1
5 21	16 29.53	−15 57.3	1.807	2.810	3.6	18.9
5 31	16 20.04	−15 57.9	1.776	2.786	2.4	18.7
6 10	16 10.55	−16 2.5	1.772	2.761	5.9	18.9
6 20	16 2.04	−16 12.4	1.794	2.736	9.9	19.1
6 30	15 55.36	−16 28.8	1.840	2.711	13.5	19.3

348561 2005 VL_{32} 5 28.6 246°.57 0°.2/28.5 17

4 21	16 47.34	−21 13.9	2.846	3.655	10.6	21.9
5 1	16 42.64	−21 10.1	2.739	3.638	8.3	21.7
5 11	16 36.25	−21 3.5	2.656	3.621	5.5	21.5
5 21	16 28.62	−20 54.1	2.600	3.604	2.4	21.2
5 31	16 20.36	−20 42.7	2.573	3.586	0.9	21.1
6 10	16 12.18	−20 30.6	2.575	3.567	4.1	21.3
6 20	16 4.75	−20 19.3	2.606	3.549	7.1	21.5
6 30	15 58.66	−20 10.7	2.662	3.529	9.9	21.6

28389 1999 JN_{95} 5 28.6 171°.91 4°.0/26.5 18

4 21	16 46.11	−10 57.0	2.408	3.228	12.0	18.6
5 1	16 41.72	−10 13.9	2.328	3.229	9.4	18.4
5 11	16 35.62	− 9 32.7	2.271	3.230	6.7	18.2
5 21	16 28.31	− 8 56.1	2.241	3.232	4.4	18.1
5 31	16 20.49	− 8 26.8	2.238	3.232	4.3	18.1
6 10	16 12.90	− 8 7.1	2.264	3.233	6.4	18.2
6 20	16 6.24	− 7 58.3	2.315	3.233	9.1	18.4
6 30	16 1.05	− 8 0.9	2.390	3.233	11.7	18.6

25455 Anissamak 5 28.6 208°.72 3°.1/27.4 18

4 21	16 50.02	−15 56.5	1.755	2.587	15.2	18.9
5 1	16 45.49	−15 18.7	1.673	2.585	11.9	18.7
5 11	16 38.50	−14 39.2	1.613	2.582	8.0	18.5
5 21	16 29.68	−14 0.5	1.577	2.578	4.3	18.2
5 31	16 20.03	−13 25.9	1.568	2.575	3.5	18.2
6 10	16 10.69	−12 58.8	1.586	2.571	7.0	18.4
6 20	16 2.67	−12 42.0	1.628	2.566	11.0	18.6
6 30	15 56.78	−12 37.0	1.693	2.562	14.6	18.8

236723 2007 GW_{45} 5 28.6 15°.28 3°.0/27.7 17

4 21	16 47.57	−17 40.2	1.075	1.943	20.2	20.7
5 1	16 44.87	−17 9.2	1.014	1.945	15.7	20.4
5 11	16 38.70	−16 35.2	0.970	1.948	10.5	20.2
5 21	16 29.91	−16 1.5	0.947	1.952	5.1	19.9
5 31	16 19.97	−15 32.3	0.947	1.957	3.6	19.8
6 10	16 10.61	−15 11.9	0.968	1.962	8.6	20.1
6 20	16 3.29	−15 3.8	1.011	1.968	13.8	20.4
6 30	15 59.04	−15 9.7	1.072	1.975	18.4	20.7

423482 2005 TR_{10} 5 28.6 130°.16 9°.8/22.5 17

4 21	16 49.79	+ 8 41.0	2.531	3.290	13.1	22.0
5 1	16 44.25	+10 18.4	2.484	3.310	11.5	21.9
5 11	16 37.10	+11 42.1	2.461	3.330	10.3	21.8
5 21	16 28.90	+12 47.1	2.462	3.348	9.8	21.8
5 31	16 20.33	+13 29.3	2.488	3.366	10.1	21.9
6 10	16 12.11	+13 47.3	2.539	3.382	11.1	22.0
6 20	16 4.88	+13 42.0	2.611	3.398	12.4	22.1
6 30	15 59.13	+13 15.8	2.703	3.413	13.8	22.2

520023 2013 UA_{22} 5 28.6 246°.21 0°.6/28.6 17

4 21	16 56.22	−19 22.1	1.863	2.679	15.1	21.1
5 1	16 50.52	−20 21.2	1.771	2.673	11.8	20.9
5 11	16 42.04	−21 23.0	1.702	2.668	7.9	20.6
5 21	16 31.36	−22 24.8	1.659	2.662	3.6	20.4
5 31	16 19.46	−23 23.9	1.644	2.656	1.3	20.2
6 10	16 7.62	−24 18.4	1.657	2.650	5.7	20.5
6 20	15 57.03	−25 7.6	1.698	2.644	10.0	20.7
6 30	15 48.71	−25 52.7	1.763	2.638	13.8	20.9

118118 3169 $T\text{-}_{3}$ 5 28.6 144°.71 0°.5/28.4 17

4 21	16 51.83	−21 9.6	2.149	2.964	13.4	21.7
5 1	16 46.36	−20 55.5	2.072	2.975	10.4	21.5
5 11	16 38.78	−20 37.4	2.018	2.985	6.8	21.3
5 21	16 29.72	−20 15.7	1.990	2.995	3.0	21.1
5 31	16 20.05	−19 52.0	1.991	3.004	1.2	21.0
6 10	16 10.75	−19 28.6	2.020	3.012	5.0	21.2
6 20	16 2.65	−19 7.8	2.076	3.020	8.6	21.5
6 30	15 56.44	−18 52.2	2.156	3.027	11.8	21.7

377947 2006 HS_{97} 5 28.6 117°.58 0°.6/28.3 17

4 21	16 49.96	−21 51.3	2.203	3.020	13.0	21.5
5 1	16 44.81	−21 22.8	2.131	3.035	10.1	21.3
5 11	16 37.68	−20 49.4	2.082	3.049	6.6	21.1
5 21	16 29.21	−20 12.1	2.059	3.063	2.9	20.9
5 31	16 20.23	−19 33.0	2.065	3.077	1.2	20.8
6 10	16 11.66	−18 55.0	2.099	3.091	4.9	21.1
6 20	16 4.27	−18 21.0	2.160	3.104	8.3	21.3
6 30	15 58.67	−17 53.6	2.245	3.116	11.4	21.5

248601 2006 DH_{32} 5 28.6 241.°44 0.°1/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.10	−22 47.6	1.917	2.743	14.4	20.9
5 1	16 44.71	−22 39.0	1.832	2.740	11.2	20.7
5 11	16 37.95	−22 25.0	1.769	2.737	7.5	20.5
5 21	16 29.45	−22 5.8	1.730	2.734	3.3	20.2
5 31	16 20.13	−21 42.6	1.718	2.731	1.1	20.0
6 10	16 11.09	−21 17.8	1.734	2.729	5.4	20.3
6 20	16 3.30	−20 54.4	1.775	2.725	9.4	20.5
6 30	15 57.55	−20 35.6	1.840	2.722	12.9	20.8

359500 2010 PA_{74} 5 28.6 262.°57 4.°3/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.66	−35 9.6	2.408	3.192	13.0	21.1
5 1	16 45.00	−35 29.2	2.309	3.182	10.7	20.9
5 11	16 38.10	−35 37.9	2.233	3.172	8.0	20.7
5 21	16 29.52	−35 33.5	2.182	3.162	5.5	20.5
5 31	16 20.12	−35 14.9	2.157	3.152	4.3	20.4
6 10	16 10.91	−34 43.4	2.160	3.141	5.7	20.5
6 20	16 2.83	−34 1.9	2.189	3.131	8.4	20.7
6 30	15 56.63	−33 15.3	2.243	3.120	11.1	20.8

461425 2001 UB_{202} 5 28.6 248.°69 4.°3/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.43	−30 5.8	1.584	2.399	17.3	21.9
5 1	16 50.70	−30 47.0	1.490	2.386	14.0	21.7
5 11	16 42.60	−31 19.8	1.417	2.373	10.2	21.4
5 21	16 31.75	−31 39.7	1.367	2.360	6.2	21.1
5 31	16 19.37	−31 43.6	1.342	2.346	4.4	21.0
6 10	16 7.07	−31 31.6	1.342	2.332	7.3	21.1
6 20	15 56.41	−31 7.5	1.367	2.318	11.6	21.3
6 30	15 48.64	−30 37.6	1.414	2.303	15.8	21.5

69221 3528 $T\text{-}_3$ 5 28.6 262.°99 1.°6/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.05	−19 10.0	1.909	2.740	14.2	20.1
5 1	16 43.86	−18 40.4	1.822	2.733	11.1	19.9
5 11	16 37.38	−18 6.8	1.757	2.727	7.4	19.6
5 21	16 29.21	−17 30.9	1.717	2.721	3.4	19.4
5 31	16 20.24	−16 55.2	1.703	2.714	2.1	19.3
6 10	16 11.53	−16 22.9	1.717	2.707	5.9	19.5
6 20	16 4.01	−15 57.1	1.756	2.701	9.9	19.7
6 30	15 58.46	−15 40.1	1.819	2.694	13.4	19.9

165230 2000 SH_{89} 5 28.6 146.°12 2.°1/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.93	−25 14.0	1.604	2.427	16.8	20.1
5 1	16 49.79	−25 45.6	1.527	2.432	13.2	19.9
5 11	16 41.63	−26 11.6	1.471	2.436	9.0	19.7
5 21	16 31.17	−26 29.6	1.439	2.440	4.5	19.4
5 31	16 19.61	−26 38.2	1.433	2.444	2.3	19.3
6 10	16 8.41	−26 38.2	1.453	2.447	6.2	19.5
6 20	15 58.86	−26 32.5	1.498	2.450	10.6	19.8
6 30	15 51.96	−26 25.4	1.566	2.453	14.6	20.0

300910 2008 BF_{48} 5 28.6 315.°32 4.°5/30.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.41	−33 39.6	2.182	2.975	13.9	20.8
5 1	16 45.79	−34 17.9	2.094	2.973	11.3	20.6
5 11	16 38.73	−34 46.7	2.027	2.970	8.5	20.4
5 21	16 29.84	−35 2.8	1.985	2.968	5.7	20.2
5 31	16 20.04	−35 4.6	1.970	2.966	4.6	20.1
6 10	16 10.45	−34 52.7	1.982	2.963	6.1	20.2
6 20	16 2.09	−34 29.9	2.019	2.961	8.9	20.4
6 30	15 55.79	−34 0.7	2.081	2.959	11.8	20.6

93490 2000 TV_{33} 5 28.6 227.°51 2.°0/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.07	−18 46.3	2.098	2.921	13.4	20.0
5 1	16 44.42	−17 59.8	2.005	2.912	10.4	19.8
5 11	16 37.64	−17 8.6	1.936	2.904	7.0	19.6
5 21	16 29.30	−16 14.9	1.892	2.895	3.4	19.3
5 31	16 20.23	−15 21.7	1.876	2.885	2.5	19.2
6 10	16 11.40	−14 32.8	1.889	2.875	5.9	19.4
6 20	16 3.68	−13 51.8	1.928	2.865	9.6	19.6
6 30	15 57.79	−13 21.1	1.990	2.854	12.9	19.8

508936 2004 RH_{63} 5 28.6 261.°87 2.°2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.93	−27 46.5	2.120	2.926	13.8	22.4
5 1	16 47.05	−27 56.1	2.010	2.904	11.0	22.1
5 11	16 39.67	−27 58.3	1.921	2.881	7.7	21.9
5 21	16 30.32	−27 51.4	1.858	2.857	4.1	21.6
5 31	16 19.88	−27 34.6	1.823	2.833	2.3	21.4
6 10	16 9.46	−27 9.5	1.815	2.808	5.4	21.6
6 20	16 0.15	−26 39.0	1.834	2.782	9.3	21.8
6 30	15 52.87	−26 7.5	1.877	2.756	12.9	21.9

478929 2012 XN_{11} 5 28.6 275.°72 0.°8/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.70	−21 4.1	2.019	2.845	13.7	21.8
5 1	16 43.56	−20 43.9	1.925	2.834	10.7	21.6
5 11	16 37.19	−20 18.9	1.853	2.823	7.1	21.3
5 21	16 29.15	−19 50.0	1.807	2.811	3.1	21.0
5 31	16 20.28	−19 19.0	1.787	2.800	1.4	20.9
6 10	16 11.62	−18 48.8	1.795	2.788	5.4	21.1
6 20	16 4.06	−18 22.1	1.829	2.777	9.4	21.3
6 30	15 58.40	−18 2.0	1.886	2.765	12.9	21.5

304592 2006 VC_{60} 5 28.6 201.°31 0.°3/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.72	−20 2.8	2.341	3.158	12.4	21.3
5 1	16 43.98	−20 15.5	2.253	3.157	9.6	21.1
5 11	16 37.28	−20 26.8	2.189	3.156	6.4	20.9
5 21	16 29.13	−20 36.3	2.151	3.155	2.8	20.7
5 31	16 20.30	−20 44.4	2.141	3.154	1.0	20.5
6 10	16 11.65	−20 51.7	2.160	3.153	4.6	20.8
6 20	16 3.98	−20 59.5	2.205	3.151	8.1	21.0
6 30	15 57.97	−21 9.2	2.276	3.150	11.1	21.2

17553 1993 UQ_5 5 28.6 205.°60 0.°2/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.81	−20 43.8	1.741	2.565	15.6	19.0
5 1	16 48.68	−20 54.3	1.655	2.562	12.2	18.8
5 11	16 40.80	−21 2.2	1.590	2.558	8.2	18.5
5 21	16 30.81	−21 7.1	1.549	2.553	3.6	18.2
5 31	16 19.77	−21 8.9	1.535	2.549	1.2	18.0
6 10	16 8.95	−21 9.0	1.549	2.543	6.0	18.3
6 20	15 59.55	−21 9.4	1.588	2.537	10.4	18.6
6 30	15 52.49	−21 12.9	1.650	2.531	14.3	18.8

263492 2008 EY_{94} 5 28.6 201.°79 1.°8/27.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.38	−18 55.7	1.964	2.786	14.2	22.0
5 1	16 46.35	−18 23.4	1.876	2.782	11.0	21.8
5 11	16 38.99	−17 47.1	1.810	2.778	7.4	21.5
5 21	16 29.93	−17 8.5	1.770	2.773	3.5	21.3
5 31	16 20.07	−16 30.1	1.758	2.768	2.2	21.2
6 10	16 10.49	−15 55.1	1.773	2.762	6.0	21.4
6 20	16 2.14	−15 26.7	1.815	2.755	9.9	21.6
6 30	15 55.79	−15 7.3	1.880	2.748	13.4	21.8

117934 4809 $P\text{–}L$ 5 28.6 204.°07 0.°8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.63	−23 57.1	1.899	2.714	14.9	21.3
5 1	16 48.35	−24 2.2	1.809	2.710	11.7	21.1
5 11	16 40.48	−24 1.7	1.740	2.706	7.9	20.8
5 21	16 30.64	−23 54.8	1.697	2.700	3.6	20.6
5 31	16 19.83	−23 41.7	1.682	2.694	1.3	20.4
6 10	16 9.26	−23 24.2	1.693	2.688	5.5	20.6
6 20	16 0.02	−23 5.2	1.732	2.680	9.7	20.9
6 30	15 53.00	−22 48.3	1.794	2.673	13.4	21.1

280628 2004 XY_{126} 5 28.6 226.°07 0.°3/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.37	−21 56.8	2.112	2.932	13.4	21.2
5 1	16 44.73	−21 42.7	2.020	2.925	10.4	21.0
5 11	16 37.90	−21 23.8	1.951	2.919	6.9	20.8
5 21	16 29.45	−21 0.6	1.907	2.912	3.1	20.5
5 31	16 20.23	−20 34.4	1.891	2.904	1.1	20.4
6 10	16 11.22	−20 7.5	1.903	2.897	5.1	20.6
6 20	16 3.34	−19 42.8	1.942	2.889	8.9	20.8
6 30	15 57.31	−19 23.1	2.004	2.881	12.3	21.0

106740 2000 WL_{188} 5 28.6 245.°51 3.°8/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.94	−32 9.7	2.328	3.122	13.1	19.9
5 1	16 45.21	−32 41.2	2.239	3.121	10.6	19.7
5 11	16 38.24	−33 4.2	2.173	3.120	7.7	19.5
5 21	16 29.62	−33 16.3	2.132	3.118	5.0	19.3
5 31	16 20.18	−33 16.2	2.117	3.117	3.8	19.3
6 10	16 10.96	−33 4.7	2.131	3.116	5.5	19.4
6 20	16 2.86	−32 44.5	2.171	3.115	8.3	19.5
6 30	15 56.66	−32 19.3	2.235	3.113	11.2	19.7

44450 1998 UB_{25} 5 28.6 271.°14 2.°4/27.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.98	−15 54.6	2.017	2.845	13.7	19.6
5 1	16 43.74	−15 37.9	1.925	2.834	10.7	19.4
5 11	16 37.30	−15 20.8	1.855	2.823	7.2	19.1
5 21	16 29.22	−15 5.0	1.811	2.812	3.7	18.9
5 31	16 20.32	−14 52.2	1.793	2.801	2.7	18.8
6 10	16 11.57	−14 44.6	1.803	2.790	6.0	19.0
6 20	16 3.91	−14 43.8	1.838	2.779	9.8	19.2
6 30	15 58.07	−14 51.1	1.897	2.768	13.1	19.4

499380 2010 AK_{71} 5 28.6 221.°62 11.°0/23.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.31	+13 3.9	2.442	3.184	14.0	21.8
5 1	16 45.01	+14 5.8	2.367	3.173	12.7	21.6
5 11	16 37.87	+14 51.6	2.312	3.162	11.6	21.5
5 21	16 29.38	+15 16.1	2.279	3.150	11.1	21.5
5 31	16 20.28	+15 15.4	2.270	3.138	11.3	21.5
6 10	16 11.36	+14 48.1	2.284	3.124	12.2	21.5
6 20	16 3.37	+13 55.6	2.320	3.111	13.7	21.6
6 30	15 56.94	+12 41.0	2.376	3.096	15.2	21.7

189310 Polydamas 5 28.6 5.°43 2.°1/26.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.03	−13 3.2	4.042	4.857	7.6	19.9
5 1	16 35.69	−12 35.1	3.956	4.857	5.9	19.8
5 11	16 31.40	−12 7.6	3.896	4.858	4.1	19.7
5 21	16 26.45	−11 42.0	3.863	4.858	2.5	19.5
5 31	16 21.22	−11 19.6	3.860	4.859	2.3	19.5
6 10	16 16.12	−11 1.6	3.885	4.860	3.7	19.6
6 20	16 11.51	−10 49.0	3.938	4.861	5.6	19.8
6 30	16 7.71	−10 42.3	4.016	4.862	7.3	19.9

142674 2002 TB_{221} 5 28.6 142°.10 4°.7/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.29	−35 47.6	2.110	2.889	14.8	20.4
5 1	16 50.21	−36 2.5	2.032	2.901	12.1	20.2
5 11	16 41.54	−36 4.1	1.975	2.912	9.0	20.0
5 21	16 31.03	−35 49.6	1.943	2.923	6.1	19.8
5 31	16 19.78	−35 18.1	1.938	2.933	4.7	19.8
6 10	16 9.01	−34 32.2	1.961	2.943	6.2	19.9
6 20	15 59.79	−33 36.4	2.011	2.951	9.0	20.1
6 30	15 52.90	−32 36.9	2.085	2.959	12.0	20.3

256149 2006 VU_{33} 5 28.6 7°.70 0°.2/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.22	−21 35.3	1.218	2.076	18.9	20.0
5 1	16 44.45	−21 45.3	1.151	2.077	14.8	19.7
5 11	16 38.40	−21 51.1	1.102	2.078	9.9	19.4
5 21	16 29.85	−21 52.4	1.075	2.081	4.4	19.1
5 31	16 20.13	−21 49.8	1.071	2.084	1.4	18.9
6 10	16 10.86	−21 45.3	1.091	2.089	7.0	19.3
6 20	16 3.45	−21 42.2	1.132	2.094	12.2	19.6
6 30	15 58.94	−21 43.6	1.194	2.101	16.7	19.9

92137 1999 XA_{113} 5 28.6 242°.19 6°.0/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.63	−41 30.3	2.680	3.431	12.7	20.0
5 1	16 46.53	−42 4.3	2.582	3.422	10.8	19.8
5 11	16 39.13	−42 25.8	2.505	3.413	8.7	19.7
5 21	16 30.03	−42 31.6	2.453	3.404	6.9	19.5
5 31	16 20.07	−42 19.8	2.426	3.394	6.0	19.5
6 10	16 10.31	−41 50.9	2.427	3.385	6.7	19.5
6 20	16 1.69	−41 7.8	2.453	3.375	8.5	19.6
6 30	15 54.99	−40 15.3	2.505	3.365	10.7	19.7

107109 2001 AN_{36} 5 28.6 253°.03 4°.0/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.57	−30 41.4	1.758	2.566	16.2	19.7
5 1	16 49.74	−31 11.9	1.659	2.550	13.1	19.5
5 11	16 41.82	−31 33.3	1.579	2.534	9.5	19.2
5 21	16 31.41	−31 41.9	1.524	2.516	5.8	19.0
5 31	16 19.60	−31 35.2	1.494	2.499	4.1	18.8
6 10	16 7.86	−31 14.0	1.491	2.480	6.8	18.9
6 20	15 57.58	−30 42.0	1.513	2.462	10.8	19.1
6 30	15 49.89	−30 5.2	1.557	2.442	14.7	19.3

3459 Bodil 5 28.6 319°.45 2°.9/28.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.36	−15 54.6	1.178	2.041	19.2	15.8
5 1	16 44.89	−15 50.0	1.094	2.023	15.1	15.5
5 11	16 38.99	−15 46.9	1.029	2.005	10.3	15.1
5 21	16 30.27	−15 47.3	0.984	1.989	5.1	14.8
5 31	16 19.96	−15 53.3	0.962	1.973	3.4	14.6
6 10	16 9.73	−16 6.9	0.963	1.958	8.5	14.9
6 20	16 1.19	−16 29.8	0.985	1.943	14.0	15.1
6 30	15 55.65	−17 2.9	1.026	1.930	19.0	15.3

38259 1999 RR_{14} 5 28.6 172°.81 6°.0/24.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.83	− 1 59.3	2.853	3.653	10.8	19.1
5 1	16 40.46	− 0 58.8	2.779	3.655	8.9	18.9
5 11	16 34.68	− 0 4.5	2.728	3.657	7.2	18.8
5 21	16 27.94	+ 0 40.4	2.704	3.659	6.1	18.8
5 31	16 20.78	+ 1 12.9	2.706	3.660	6.3	18.8
6 10	16 13.82	+ 1 31.0	2.736	3.661	7.6	18.8
6 20	16 7.62	+ 1 34.2	2.791	3.661	9.4	19.0
6 30	16 2.63	+ 1 23.1	2.869	3.661	11.3	19.1

488896 2005 TF_{60} 5 28.6 260°.34 5°.3/25.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.56	− 7 33.1	2.577	3.391	11.4	23.1
5 1	16 41.33	− 6 24.9	2.479	3.372	9.2	22.9
5 11	16 35.44	− 5 18.5	2.405	3.353	7.0	22.8
5 21	16 28.34	− 4 17.4	2.358	3.334	5.4	22.6
5 31	16 20.64	− 3 25.7	2.338	3.315	5.6	22.6
6 10	16 13.05	− 2 46.6	2.347	3.295	7.5	22.7
6 20	16 6.24	− 2 21.8	2.381	3.275	9.9	22.8
6 30	16 0.79	− 2 12.1	2.437	3.254	12.3	22.9

164571 2006 KB_{108} 5 28.6 331°.48 0°.8/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.32	−24 16.3	1.788	2.617	15.1	20.2
5 1	16 44.36	−24 15.2	1.704	2.613	11.8	20.0
5 11	16 37.88	−24 7.7	1.641	2.609	7.9	19.7
5 21	16 29.52	−23 53.6	1.602	2.606	3.7	19.5
5 31	16 20.27	−23 33.6	1.589	2.602	1.3	19.3
6 10	16 11.29	−23 10.0	1.603	2.599	5.5	19.5
6 20	16 3.64	−22 46.0	1.642	2.596	9.7	19.8
6 30	15 58.17	−22 25.4	1.704	2.594	13.4	20.0

398717 2012 XT_{84} 5 28.6 107°.23 4°.2/26.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.80	− 9 28.0	2.624	3.436	11.3	22.4
5 1	16 41.97	− 8 34.4	2.561	3.456	8.9	22.2
5 11	16 35.65	− 7 43.5	2.522	3.476	6.4	22.1
5 21	16 28.34	− 6 58.3	2.510	3.495	4.5	22.0
5 31	16 20.68	− 6 21.5	2.527	3.514	4.5	22.0
6 10	16 13.35	− 5 55.3	2.572	3.532	6.3	22.2
6 20	16 6.92	− 5 40.7	2.643	3.550	8.6	22.4
6 30	16 1.86	− 5 37.9	2.739	3.567	10.8	22.5

489008 2005 VJ_{61} 5 28.6 248°.42 5°.8/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 7.26	−23 28.6	1.164	1.992	21.6	21.3
5 1	17 1.66	−25 52.3	1.078	1.983	17.5	21.0
5 11	16 51.17	−28 27.0	1.012	1.974	12.5	20.6
5 21	16 36.14	−31 2.0	0.969	1.964	7.5	20.3
5 31	16 17.98	−33 22.4	0.951	1.954	6.1	20.2
6 10	15 59.21	−35 16.3	0.960	1.944	10.4	20.4
6 20	15 42.52	−36 40.2	0.992	1.934	15.9	20.7
6 30	15 30.12	−37 39.4	1.045	1.923	20.8	20.9

130800 2000 TT_{45} 5 28.6 165°.14 1°.2/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.20	−18 17.2	1.716	2.541	15.8	20.4
5 1	16 48.87	−18 23.5	1.637	2.545	12.3	20.1
5 11	16 40.85	−18 29.1	1.580	2.548	8.2	19.9
5 21	16 30.83	−18 34.0	1.547	2.551	3.7	19.6
5 31	16 19.86	−18 38.7	1.541	2.554	1.7	19.5
6 10	16 9.22	−18 44.6	1.563	2.555	6.1	19.8
6 20	16 0.04	−18 53.1	1.610	2.557	10.4	20.0
6 30	15 53.19	−19 6.2	1.680	2.558	14.2	20.3

99346 2001 XN_{101} 5 28.6 32°.22 0°.3/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.36	−20 42.6	1.174	2.029	19.7	18.5
5 1	16 47.73	−21 10.1	1.113	2.037	15.4	18.2
5 11	16 40.61	−21 35.8	1.070	2.045	10.2	18.0
5 21	16 30.84	−21 58.1	1.048	2.054	4.6	17.7
5 31	16 19.87	−22 16.0	1.050	2.063	1.4	17.5
6 10	16 9.46	−22 30.6	1.075	2.073	7.2	17.9
6 20	16 1.09	−22 43.9	1.123	2.084	12.4	18.2
6 30	15 55.82	−22 58.9	1.191	2.095	16.9	18.5

425582 2010 TZ_{107} 5 28.6 155°.50 1°.1/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.83	−20 11.5	1.765	2.592	15.3	22.3
5 1	16 46.91	−19 51.3	1.688	2.597	11.9	22.1
5 11	16 39.46	−19 27.0	1.632	2.601	7.9	21.9
5 21	16 30.18	−18 59.6	1.601	2.605	3.5	21.6
5 31	16 20.10	−18 31.0	1.597	2.609	1.7	21.5
6 10	16 10.40	−18 4.4	1.620	2.612	6.0	21.8
6 20	16 2.12	−17 42.7	1.668	2.615	10.2	22.1
6 30	15 56.06	−17 28.6	1.739	2.617	13.8	22.3

282933 2007 PP_{40} 5 28.6 233°.82 3°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.93	−12 32.2	2.692	3.504	11.1	21.1
5 1	16 43.09	−11 40.7	2.590	3.488	8.7	20.9
5 11	16 36.58	−10 48.6	2.512	3.471	6.1	20.7
5 21	16 28.85	− 9 58.4	2.462	3.454	3.9	20.5
5 31	16 20.52	− 9 13.2	2.440	3.436	3.8	20.5
6 10	16 12.31	− 8 35.6	2.448	3.417	6.0	20.6
6 20	16 4.90	− 8 7.8	2.483	3.398	8.7	20.7
6 30	15 58.84	− 7 51.2	2.542	3.378	11.3	20.9

200286 2000 AY_{49} 5 28.6 221°.60 3°.4/27.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.94	−11 12.4	2.594	3.405	11.5	20.4
5 1	16 43.93	−10 49.0	2.497	3.394	9.1	20.2
5 11	16 37.16	−10 27.8	2.424	3.382	6.4	20.1
5 21	16 29.11	−10 10.5	2.377	3.370	4.0	19.9
5 31	16 20.44	− 9 59.1	2.359	3.357	3.7	19.8
6 10	16 11.88	− 9 55.3	2.370	3.344	5.9	20.0
6 20	16 4.14	−10 0.0	2.408	3.329	8.7	20.1
6 30	15 57.83	−10 13.6	2.471	3.315	11.4	20.3

118154 5110 $T\text{-}_3$ 5 28.6 273°.06 2°.3/29.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.70	−26 34.2	2.343	3.148	12.7	19.5
5 1	16 45.73	−27 15.7	2.253	3.146	10.0	19.3
5 11	16 38.59	−27 53.0	2.186	3.144	7.0	19.1
5 21	16 29.82	−28 24.0	2.145	3.143	3.8	18.9
5 31	16 20.22	−28 47.3	2.133	3.141	2.4	18.8
6 10	16 10.75	−29 2.8	2.148	3.139	4.9	19.0
6 20	16 2.32	−29 11.8	2.191	3.137	8.1	19.2
6 30	15 55.67	−29 16.7	2.259	3.135	11.1	19.3

203251 2001 QN_{96} 5 28.6 286°.78 3°.1/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.76	−28 4.2	1.381	2.216	18.4	19.9
5 1	16 48.30	−28 20.2	1.284	2.194	14.8	19.6
5 11	16 41.31	−28 26.4	1.206	2.172	10.5	19.3
5 21	16 31.36	−28 19.5	1.150	2.150	5.7	18.9
5 31	16 19.69	−27 57.9	1.117	2.128	3.2	18.7
6 10	16 8.02	−27 23.5	1.109	2.105	7.4	18.9
6 20	15 58.04	−26 41.6	1.124	2.083	12.6	19.1
6 30	15 51.11	−25 59.2	1.160	2.061	17.5	19.3

504763 2009 WZ_{93} 5 28.6 196°.56 1°.8/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.96	−16 28.2	2.349	3.162	12.4	23.0
5 1	16 45.66	−16 16.8	2.258	3.159	9.7	22.8
5 11	16 38.39	−16 4.7	2.191	3.156	6.5	22.6
5 21	16 29.69	−15 53.2	2.150	3.151	3.2	22.4
5 31	16 20.29	−15 43.4	2.137	3.146	2.2	22.3
6 10	16 11.09	−15 37.0	2.154	3.141	5.3	22.5
6 20	16 2.87	−15 35.4	2.198	3.134	8.6	22.7
6 30	15 56.32	−15 39.9	2.266	3.127	11.6	22.9

11697 Estrella 5 28.6 114°.86 1°.9/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.61	−27 57.2	1.564	2.389	17.1	18.2
5 1	16 47.97	−27 43.4	1.490	2.395	13.5	17.9
5 11	16 40.38	−27 17.9	1.436	2.400	9.2	17.7
5 21	16 30.65	−26 40.2	1.405	2.406	4.6	17.4
5 31	16 20.01	−25 51.7	1.400	2.412	2.0	17.3
6 10	16 9.91	−24 56.6	1.421	2.417	6.1	17.6
6 20	16 1.54	−24 0.8	1.467	2.422	10.6	17.8
6 30	15 55.78	−23 10.0	1.536	2.427	14.5	18.1

45351 2000 AF_{96} 5 28.6 202°.23 4°.2/26.8 18

4 21	16 48.12	− 9 31.8	2.421	3.235	12.1	19.5
5 1	16 43.35	− 9 0.4	2.334	3.231	9.6	19.3
5 11	16 36.80	− 8 32.1	2.271	3.227	6.9	19.1
5 21	16 28.97	− 8 9.4	2.234	3.223	4.7	19.0
5 31	16 20.55	− 7 54.8	2.225	3.218	4.5	19.0
6 10	16 12.32	− 7 49.9	2.244	3.212	6.5	19.1
6 20	16 4.99	− 7 55.6	2.290	3.206	9.3	19.2
6 30	15 59.16	− 8 12.1	2.359	3.200	11.9	19.4

64326 2001 UX_{46} 5 28.6 277°.50 0°.7/28.1 18

4 21	16 40.48	−18 0.2	4.350	5.159	7.2	19.9
5 1	16 36.81	−18 0.5	4.254	5.154	5.6	19.8
5 11	16 32.17	−18 0.3	4.183	5.148	3.7	19.6
5 21	16 26.85	−17 59.9	4.140	5.143	1.7	19.5
5 31	16 21.22	−17 59.9	4.126	5.138	0.9	19.4
6 10	16 15.68	−18 0.9	4.143	5.132	2.8	19.5
6 20	16 10.58	−18 3.6	4.188	5.127	4.8	19.7
6 30	16 6.27	−18 8.7	4.259	5.122	6.6	19.8

158830 2004 BQ_{26} 5 28.6 198°.20 16°.9/26.2 18

4 21	16 57.40	+11 59.9	1.224	2.014	22.8	20.0
5 1	16 52.12	+13 14.3	1.166	2.013	20.5	19.9
5 11	16 43.39	+14 0.5	1.123	2.011	18.4	19.7
5 21	16 32.07	+14 7.9	1.098	2.009	17.1	19.6
5 31	16 19.57	+13 28.8	1.093	2.006	17.1	19.6
6 10	16 7.55	+12 2.9	1.107	2.003	18.4	19.7
6 20	15 57.49	+ 9 56.4	1.140	1.999	20.7	19.8
6 30	15 50.44	+ 7 19.8	1.190	1.995	23.3	20.0

478350 2011 WZ_{140} 5 28.6 201°.51 2°.1/29.9 18

4 21	16 48.10	−30 25.7	2.576	3.372	11.9	21.1
5 1	16 43.42	−30 10.3	2.484	3.371	9.5	20.9
5 11	16 36.87	−29 45.5	2.414	3.369	6.6	20.8
5 21	16 29.00	−29 11.0	2.371	3.367	3.7	20.6
5 31	16 20.56	−28 27.5	2.356	3.365	2.1	20.4
6 10	16 12.39	−27 37.5	2.370	3.363	4.3	20.6
6 20	16 5.25	−26 44.5	2.412	3.360	7.3	20.8
6 30	15 59.73	−25 52.3	2.479	3.358	10.2	21.0

368901 2006 SS_{327} 5 28.6 290°.97 0°.2/28.7 16

4 21	16 44.49	−22 36.1	3.099	3.908	9.8	21.6
5 1	16 40.42	−22 35.9	2.985	3.885	7.7	21.4
5 11	16 34.84	−22 32.6	2.896	3.861	5.1	21.2
5 21	16 28.12	−22 26.3	2.834	3.837	2.3	20.9
5 31	16 20.82	−22 17.3	2.800	3.813	0.7	20.8
6 10	16 13.55	−22 6.8	2.796	3.790	3.7	21.0
6 20	16 6.93	−21 56.2	2.820	3.766	6.5	21.1
6 30	16 1.51	−21 47.1	2.869	3.742	9.1	21.3

117420 2005 AM_{17} 5 28.6 103°.91 0°.9/28.3 18

4 21	16 49.23	−20 6.9	1.991	2.816	13.9	20.4
5 1	16 44.61	−19 53.1	1.916	2.824	10.8	20.2
5 11	16 37.80	−19 36.1	1.863	2.832	7.1	20.0
5 21	16 29.44	−19 16.6	1.835	2.839	3.2	19.8
5 31	16 20.42	−18 56.3	1.834	2.846	1.4	19.7
6 10	16 11.75	−18 37.4	1.861	2.854	5.3	20.0
6 20	16 4.31	−18 22.3	1.914	2.861	9.1	20.2
6 30	15 58.78	−18 13.0	1.991	2.868	12.4	20.4

404148 2013 CK_{29} 5 28.6 359°.22 5°.2/27.5 17

4 21	16 46.61	−12 49.6	1.044	1.915	20.4	20.4
5 1	16 44.29	−12 21.8	0.980	1.912	16.1	20.1
5 11	16 38.49	−11 57.9	0.934	1.910	11.2	19.9
5 21	16 30.00	−11 42.2	0.908	1.909	6.6	19.6
5 31	16 20.24	−11 38.8	0.904	1.909	5.6	19.5
6 10	16 10.93	−11 50.6	0.921	1.911	9.8	19.8
6 20	16 3.59	−12 18.3	0.958	1.913	14.8	20.0
6 30	15 59.32	−13 0.8	1.014	1.916	19.3	20.3

39220 2000 YN_{5} 5 28.6 239°.15 8°.4/24.7 18

4 21	16 48.41	+ 0 24.9	2.124	2.927	13.9	19.4
5 1	16 43.86	+ 1 27.8	2.040	2.915	11.8	19.2
5 11	16 37.30	+ 2 21.6	1.978	2.903	9.8	19.0
5 21	16 29.26	+ 3 1.3	1.940	2.890	8.5	18.9
5 31	16 20.50	+ 3 22.4	1.928	2.877	8.7	18.9
6 10	16 11.90	+ 3 22.4	1.941	2.863	10.3	19.0
6 20	16 4.28	+ 3 1.2	1.977	2.849	12.6	19.1
6 30	15 58.33	+ 2 20.5	2.035	2.835	15.0	19.2

231765 1999 VH_{44} 5 28.6 272°.48 2°.1/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.75	−27 26.1	2.127	2.934	13.8	20.8
5 1	16 47.00	−27 39.7	2.013	2.907	11.0	20.5
5 11	16 39.75	−27 46.5	1.921	2.880	7.7	20.3
5 21	16 30.49	−27 44.9	1.854	2.853	4.1	20.0
5 31	16 20.08	−27 33.8	1.815	2.825	2.3	19.8
6 10	16 9.63	−27 14.4	1.803	2.796	5.4	20.0
6 20	16 0.24	−26 49.5	1.818	2.767	9.3	20.1
6 30	15 52.84	−26 22.9	1.857	2.737	13.0	20.3

514382 2016 RJ_{33} 5 28.6 263°.22 3°.0/27.6 18

4 21	16 48.59	−11 26.9	2.618	3.429	11.4	21.9
5 1	16 43.77	−11 24.7	2.511	3.409	9.0	21.7
5 11	16 37.17	−11 25.7	2.429	3.389	6.3	21.5
5 21	16 29.21	−11 31.2	2.373	3.368	3.7	21.3
5 31	16 20.53	−11 42.2	2.345	3.347	3.2	21.2
6 10	16 11.89	−11 59.6	2.347	3.326	5.5	21.3
6 20	16 3.99	−12 23.9	2.376	3.305	8.5	21.5
6 30	15 57.49	−12 55.0	2.430	3.283	11.2	21.6

479868 2014 GS_{39} 5 28.6 82°.35 4°.8/26.0 18

4 21	16 45.58	− 9 47.0	2.228	3.053	12.7	20.9
5 1	16 41.48	− 8 47.9	2.154	3.057	10.0	20.7
5 11	16 35.58	− 7 51.1	2.104	3.061	7.3	20.6
5 21	16 28.45	− 7 0.3	2.079	3.065	5.2	20.5
5 31	16 20.80	− 6 18.9	2.082	3.070	5.2	20.5
6 10	16 13.44	− 5 50.0	2.111	3.074	7.2	20.6
6 20	16 7.06	− 5 34.9	2.166	3.078	9.9	20.8
6 30	16 2.24	− 5 33.9	2.243	3.083	12.5	20.9

155738 2000 SB_{16} 5 28.6 188°.65 7°.7/23.9 18

4 21	16 48.15	− 5 9.8	1.994	2.813	14.1	19.8
5 1	16 43.66	− 3 24.1	1.921	2.813	11.6	19.7
5 11	16 37.13	− 1 42.3	1.871	2.812	9.2	19.5
5 21	16 29.16	− 0 10.5	1.847	2.811	7.7	19.4
5 31	16 20.58	+ 1 4.8	1.849	2.810	8.2	19.4
6 10	16 12.31	+ 1 59.2	1.878	2.808	10.1	19.6
6 20	16 5.15	+ 2 30.8	1.930	2.807	12.7	19.7
6 30	15 59.75	+ 2 40.0	2.002	2.805	15.1	19.9

365108 2009 BF_{186} 5 28.6 342°.52 2°.4/28.0 17

4 21	16 48.15	−17 31.2	1.231	2.089	18.8	20.6
5 1	16 45.19	−17 17.1	1.157	2.083	14.7	20.3
5 11	16 38.96	−17 1.5	1.103	2.078	9.9	20.0
5 21	16 30.22	−16 46.3	1.069	2.074	4.7	19.7
5 31	16 20.23	−16 34.1	1.059	2.070	3.0	19.6
6 10	16 10.58	−16 27.9	1.072	2.067	7.9	19.9
6 20	16 2.69	−16 30.2	1.108	2.065	13.0	20.2
6 30	15 57.66	−16 42.9	1.163	2.063	17.6	20.4

111198 2001 WX_{20} 5 28.6 246°.81 0°.3/28.8 18

4 21	16 40.06	−23 26.7	4.539	5.341	7.0	20.6
5 1	16 36.49	−23 21.6	4.441	5.337	5.4	20.5
5 11	16 31.97	−23 14.0	4.369	5.332	3.6	20.4
5 21	16 26.80	−23 3.9	4.325	5.328	1.6	20.2
5 31	16 21.33	−22 51.9	4.311	5.323	0.5	20.1
6 10	16 15.96	−22 38.9	4.326	5.319	2.5	20.3
6 20	16 11.05	−22 25.9	4.369	5.314	4.4	20.4
6 30	16 6.91	−22 13.9	4.440	5.310	6.2	20.5

195360 2002 FF_{13} 5 28.6 25°.37 2°.0/29.2 17

4 21	16 50.33	−25 11.5	1.606	2.437	16.4	19.7
5 1	16 46.24	−25 40.3	1.532	2.441	12.9	19.5
5 11	16 39.32	−26 3.4	1.479	2.446	8.8	19.3
5 21	16 30.28	−26 19.0	1.449	2.451	4.4	19.0
5 31	16 20.24	−26 26.0	1.445	2.457	2.2	18.9
6 10	16 10.56	−26 25.7	1.467	2.462	6.0	19.2
6 20	16 2.43	−26 20.5	1.513	2.469	10.3	19.4
6 30	15 56.76	−26 14.4	1.582	2.475	14.1	19.7

248145 2004 TO_{117} 5 28.6 321°.33 3°.7/27.3 18

4 21	16 45.36	−12 4.1	1.986	2.819	13.6	19.5
5 1	16 41.79	−11 45.7	1.893	2.803	10.8	19.3
5 11	16 36.11	−11 29.9	1.822	2.787	7.5	19.1
5 21	16 28.81	−11 19.1	1.775	2.772	4.6	18.9
5 31	16 20.69	−11 15.5	1.755	2.757	4.0	18.8
6 10	16 12.68	−11 20.9	1.761	2.743	6.8	18.9
6 20	16 5.68	−11 36.3	1.792	2.729	10.3	19.1
6 30	16 0.43	−12 2.0	1.846	2.715	13.5	19.3

121937 2000 EP_{9} 5 28.6 241°.65 0°.8/28.9 18

4 21	16 53.92	−24 36.0	1.611	2.437	16.6	20.1
5 1	16 49.22	−24 28.9	1.516	2.423	13.2	19.8
5 11	16 41.47	−24 13.9	1.442	2.410	8.9	19.5
5 21	16 31.32	−23 50.0	1.392	2.395	4.1	19.2
5 31	16 19.89	−23 18.0	1.367	2.380	1.4	18.9
6 10	16 8.63	−22 40.8	1.369	2.365	6.4	19.2
6 20	15 58.89	−22 3.1	1.396	2.348	11.2	19.5
6 30	15 51.73	−21 30.0	1.445	2.332	15.6	19.7

128755 2004 RD_{187} 5 28.6 133°.51 6°.1/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.42	−39 25.1	2.138	2.905	15.0	20.3
5 1	16 49.77	−39 55.0	2.059	2.915	12.5	20.1
5 11	16 41.42	−40 10.2	2.002	2.924	9.8	20.0
5 21	16 31.12	−40 7.2	1.968	2.933	7.3	19.8
5 31	16 19.99	−39 44.1	1.960	2.941	6.1	19.8
6 10	16 9.31	−39 2.8	1.979	2.949	7.1	19.9
6 20	16 0.20	−38 7.9	2.024	2.957	9.4	20.0
6 30	15 53.47	−37 5.6	2.092	2.964	12.1	20.2

507426 2012 QA_{36} 5 28.6 166°.31 2°.4/27.4 17

4 21	16 48.32	−16 7.8	2.325	3.144	12.4	22.0
5 1	16 43.57	−15 30.8	2.243	3.148	9.6	21.8
5 11	16 36.98	−14 52.5	2.185	3.151	6.5	21.6
5 21	16 29.09	−14 14.6	2.153	3.153	3.4	21.4
5 31	16 20.64	−13 39.9	2.150	3.156	2.8	21.3
6 10	16 12.46	−13 10.8	2.174	3.158	5.5	21.5
6 20	16 5.29	−12 49.4	2.226	3.159	8.7	21.7
6 30	15 59.73	−12 37.2	2.302	3.160	11.6	21.9

59929 1999 RK_{174} 5 28.6 223°.13 1°.0/29.1 18

4 21	16 47.95	−25 29.1	2.924	3.724	10.6	20.0
5 1	16 43.14	−25 31.8	2.822	3.715	8.3	19.8
5 11	16 36.66	−25 29.7	2.745	3.705	5.6	19.6
5 21	16 28.96	−25 22.3	2.694	3.695	2.7	19.4
5 31	16 20.66	−25 9.9	2.673	3.685	1.2	19.2
6 10	16 12.49	−24 53.8	2.680	3.674	3.8	19.4
6 20	16 5.11	−24 35.8	2.716	3.662	6.8	19.6
6 30	15 59.10	−24 18.0	2.778	3.651	9.4	19.8

366344 1996 TV_{36} 5 28.6 296°.51 2°.3/29.2 17

4 21	16 51.06	−25 45.1	1.434	2.271	17.7	21.8
5 1	16 47.73	−26 6.5	1.329	2.242	14.2	21.5
5 11	16 40.99	−26 21.6	1.244	2.212	9.9	21.1
5 21	16 31.32	−26 27.8	1.181	2.183	5.1	20.8
5 31	16 19.84	−26 23.4	1.142	2.154	2.5	20.5
6 10	16 8.16	−26 9.2	1.128	2.124	7.2	20.7
6 20	15 57.94	−25 48.8	1.136	2.095	12.6	20.9
6 30	15 50.60	−25 27.7	1.166	2.066	17.5	21.1

499141 2009 RZ_{7} 5 28.6 47°.60 5°.6/30.4 17

4 21	16 53.22	−33 42.2	1.594	2.404	17.5	20.6
5 1	16 48.81	−34 27.7	1.521	2.410	14.2	20.4
5 11	16 41.20	−35 0.7	1.467	2.415	10.6	20.2
5 21	16 31.17	−35 16.9	1.436	2.421	7.2	20.0
5 31	16 19.99	−35 13.7	1.430	2.427	5.6	20.0
6 10	16 9.25	−34 52.4	1.449	2.434	7.5	20.1
6 20	16 0.30	−34 17.7	1.492	2.440	11.0	20.3
6 30	15 54.17	−33 36.3	1.557	2.447	14.5	20.5

391335 2006 UZ_{29} 5 28.6 104°.65 0°.9/28.2 17

4 21	16 47.65	−20 24.7	2.358	3.177	12.2	21.4
5 1	16 43.03	−20 1.5	2.283	3.188	9.4	21.2
5 11	16 36.59	−19 34.9	2.231	3.199	6.2	21.0
5 21	16 28.91	−19 6.0	2.206	3.210	2.8	20.8
5 31	16 20.72	−18 36.4	2.208	3.220	1.3	20.7
6 10	16 12.86	−18 8.5	2.239	3.231	4.7	21.0
6 20	16 6.03	−17 44.6	2.298	3.241	7.9	21.2
6 30	16 0.80	−17 26.6	2.380	3.251	10.8	21.4

279987 2001 UP_{15} 5 28.6 200°.57 1°.7/27.7 18

4 21	16 47.13	−18 34.3	2.524	3.341	11.6	20.6
5 1	16 42.57	−17 53.7	2.435	3.339	8.9	20.5
5 11	16 36.29	−17 9.7	2.369	3.336	6.0	20.3
5 21	16 28.79	−16 24.2	2.330	3.333	2.9	20.0
5 31	16 20.76	−15 39.5	2.320	3.329	2.1	20.0
6 10	16 12.95	−14 58.3	2.339	3.325	4.9	20.2
6 20	16 6.05	−14 23.4	2.385	3.321	8.1	20.4
6 30	16 0.64	−13 56.6	2.456	3.317	10.9	20.5

79468 1997 YZ_{20} 5 28.6 101°.42 3°.2/30.3 18

4 21	16 49.89	−32 22.9	2.208	3.006	13.6	19.3
5 1	16 45.16	−32 22.7	2.127	3.011	10.9	19.1
5 11	16 38.21	−32 11.4	2.067	3.017	7.9	18.9
5 21	16 29.68	−31 47.8	2.032	3.023	4.8	18.7
5 31	16 20.49	−31 12.1	2.024	3.028	3.2	18.7
6 10	16 11.66	−30 26.8	2.043	3.033	5.2	18.8
6 20	16 4.10	−29 36.0	2.090	3.039	8.3	19.0
6 30	15 58.49	−28 44.2	2.161	3.044	11.3	19.2

373576 2001 YR_{75} 5 28.6 145°.41 2°.2/29.7 17

4 21	16 52.70	−29 14.0	2.134	2.936	13.9	21.5
5 1	16 47.30	−29 10.9	2.054	2.945	11.0	21.3
5 11	16 39.61	−28 58.5	1.996	2.953	7.6	21.1
5 21	16 30.30	−28 35.6	1.964	2.961	4.1	20.9
5 31	16 20.30	−28 2.9	1.959	2.968	2.3	20.8
6 10	16 10.70	−27 22.9	1.982	2.975	5.0	21.0
6 20	16 2.42	−26 39.4	2.033	2.981	8.5	21.2
6 30	15 56.17	−25 56.7	2.107	2.987	11.7	21.4

100959 1998 QO_{12} 5 28.6 212°.19 3°.9/26.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.03	−11 39.3	2.335	3.153	12.3	20.1
5 1	16 43.40	−10 58.2	2.246	3.148	9.7	19.9
5 11	16 36.92	−10 18.3	2.182	3.141	6.9	19.7
5 21	16 29.10	− 9 42.2	2.143	3.135	4.4	19.5
5 31	16 20.67	− 9 12.9	2.132	3.128	4.2	19.5
6 10	16 12.42	− 8 52.7	2.149	3.121	6.5	19.6
6 20	16 5.12	− 8 43.2	2.192	3.113	9.4	19.8
6 30	15 59.37	− 8 45.1	2.259	3.105	12.2	20.0

471918 2013 DY_{2} 5 28.6 185°.08 5°.1/25.3 16

4 21	16 45.67	− 3 34.6	3.101	3.898	10.1	22.6
5 1	16 41.05	− 2 45.6	3.019	3.898	8.3	22.4
5 11	16 35.10	− 2 1.6	2.963	3.897	6.5	22.3
5 21	16 28.23	− 1 25.4	2.933	3.896	5.3	22.2
5 31	16 20.95	− 0 59.3	2.931	3.894	5.4	22.2
6 10	16 13.84	− 0 45.2	2.957	3.892	6.7	22.3
6 20	16 7.42	− 0 43.5	3.009	3.889	8.5	22.4
6 30	16 2.14	− 0 54.1	3.085	3.886	10.4	22.6

224296 2005 TC_{142} 5 28.6 88°.00 6°.1/25.9 18

4 21	16 50.22	− 8 40.9	1.805	2.631	15.1	20.9
5 1	16 45.23	− 7 28.0	1.751	2.653	12.0	20.8
5 11	16 38.11	− 6 19.5	1.720	2.675	8.8	20.6
5 21	16 29.57	− 5 20.5	1.714	2.696	6.5	20.5
5 31	16 20.56	− 4 35.3	1.734	2.718	6.5	20.6
6 10	16 12.09	− 4 7.2	1.780	2.739	8.7	20.7
6 20	16 4.96	− 3 57.0	1.851	2.759	11.6	20.9
6 30	15 59.80	− 4 3.9	1.943	2.780	14.3	21.2

237257 2008 WW_{79} 5 28.6 142°.06 2°.2/27.7 17

4 21	16 48.83	−16 27.3	2.159	2.982	13.1	21.1
5 1	16 44.13	−16 4.8	2.081	2.987	10.1	20.9
5 11	16 37.43	−15 41.6	2.026	2.993	6.8	20.7
5 21	16 29.33	−15 19.0	1.996	2.998	3.4	20.5
5 31	16 20.62	−14 59.0	1.994	3.002	2.5	20.5
6 10	16 12.20	−14 43.9	2.020	3.007	5.6	20.7
6 20	16 4.86	−14 35.2	2.073	3.011	8.9	20.9
6 30	15 59.27	−14 34.3	2.149	3.015	12.0	21.1

297838 2002 BT_{14} 5 28.6 114°.39 5°.1/25.9 17

4 21	16 46.68	− 4 4.6	2.840	3.641	10.8	21.6
5 1	16 41.82	− 3 23.4	2.779	3.660	8.8	21.4
5 11	16 35.58	− 2 48.2	2.741	3.679	6.8	21.3
5 21	16 28.42	− 2 21.5	2.730	3.698	5.4	21.3
5 31	16 20.93	− 2 5.6	2.747	3.716	5.4	21.3
6 10	16 13.71	− 2 1.7	2.792	3.734	6.7	21.4
6 20	16 7.31	− 2 9.9	2.862	3.751	8.6	21.5
6 30	16 2.18	− 2 29.5	2.957	3.768	10.5	21.7

209439 2004 FF_{93} 5 28.6 45°.18 0°.9/29.0 17

4 21	16 48.26	−24 51.2	1.953	2.776	14.2	20.5
5 1	16 44.04	−24 48.9	1.877	2.783	11.1	20.3
5 11	16 37.54	−24 40.2	1.824	2.790	7.4	20.1
5 21	16 29.42	−24 25.0	1.795	2.798	3.5	19.8
5 31	16 20.60	−24 4.0	1.793	2.805	1.2	19.7
6 10	16 12.14	−23 39.7	1.818	2.813	5.0	20.0
6 20	16 4.95	−23 14.9	1.869	2.821	8.8	20.2
6 30	15 59.74	−22 52.9	1.943	2.830	12.2	20.4

392584 2011 SZ_{180} 5 28.6 261°.32 1°.4/29.2 18

4 21	16 48.67	−25 59.7	2.306	3.117	12.7	21.2
5 1	16 44.21	−26 6.8	2.209	3.107	10.0	21.0
5 11	16 37.64	−26 8.0	2.134	3.096	6.8	20.8
5 21	16 29.50	−26 2.6	2.085	3.086	3.4	20.6
5 31	16 20.56	−25 50.5	2.063	3.075	1.6	20.4
6 10	16 11.77	−25 33.3	2.070	3.064	4.7	20.6
6 20	16 4.00	−25 13.2	2.103	3.053	8.2	20.8
6 30	15 57.97	−24 53.4	2.161	3.042	11.4	21.0

236123 2005 SQ_{157} 5 28.6 120°.52 0°.2/28.7 16

4 21	16 53.80	−22 29.0	1.361	2.201	18.4	21.6
5 1	16 49.30	−22 29.6	1.290	2.205	14.4	21.4
5 11	16 41.54	−22 24.5	1.239	2.210	9.6	21.1
5 21	16 31.34	−22 13.3	1.210	2.215	4.3	20.8
5 31	16 20.02	−21 56.7	1.206	2.219	1.3	20.6
6 10	16 9.18	−21 37.7	1.227	2.223	6.8	21.0
6 20	16 0.21	−21 20.0	1.271	2.227	11.8	21.3
6 30	15 54.10	−21 7.8	1.337	2.231	16.1	21.5

244947 2003 YP_{81} 5 28.6 221°.40 0°.1/28.6 18

4 21	16 53.78	−21 32.5	2.067	2.880	13.9	21.7
5 1	16 48.37	−21 34.2	1.969	2.869	10.9	21.4
5 11	16 40.53	−21 32.2	1.892	2.858	7.3	21.2
5 21	16 30.83	−21 26.3	1.842	2.846	3.3	20.9
5 31	16 20.17	−21 17.0	1.820	2.833	1.0	20.7
6 10	16 9.62	−21 5.7	1.826	2.819	5.3	21.0
6 20	16 0.23	−20 54.7	1.859	2.804	9.4	21.2
6 30	15 52.83	−20 46.9	1.916	2.789	12.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
219817 2002 BK_{23}			5 28.6 200°.09		2°.2/29.3 18	
	h m	° ′			°	m
4 21	16 54.25	−26 57.0	2.285	3.084	13.2	20.9
5 1	16 48.59	−27 27.7	2.191	3.080	10.4	20.7
5 11	16 40.60	−27 53.1	2.119	3.076	7.3	20.5
5 21	16 30.84	−28 11.2	2.074	3.071	3.9	20.3
5 31	16 20.18	−28 20.8	2.057	3.066	2.3	20.2
6 10	16 9.65	−28 22.3	2.069	3.060	5.0	20.3
6 20	16 0.24	−28 17.5	2.108	3.053	8.5	20.5
6 30	15 52.75	−28 9.7	2.172	3.045	11.6	20.7
347424 2012 TX			5 28.6 203°.95		1°.9/29.4 17	
4 21	16 50.32	−27 29.6	2.146	2.955	13.6	21.4
5 1	16 45.59	−27 35.7	2.057	2.953	10.7	21.2
5 11	16 38.59	−27 34.4	1.991	2.951	7.4	21.0
5 21	16 29.93	−27 24.5	1.949	2.949	3.9	20.8
5 31	16 20.47	−27 6.2	1.936	2.946	2.0	20.6
6 10	16 11.27	−26 41.3	1.950	2.943	5.0	20.8
6 20	16 3.24	−26 12.7	1.990	2.940	8.5	21.0
6 30	15 57.16	−25 44.3	2.055	2.937	11.8	21.2
178694 2000 SC_{42}			5 28.6 161°.10		7°.3/23.7 18	
4 21	16 45.43	+ 3 34.8	2.945	3.725	11.0	21.3
5 1	16 40.91	+ 4 43.6	2.879	3.731	9.4	21.2
5 11	16 35.03	+ 5 43.7	2.836	3.736	8.1	21.1
5 21	16 28.22	+ 6 31.2	2.818	3.741	7.3	21.0
5 31	16 21.02	+ 7 3.0	2.827	3.745	7.6	21.1
6 10	16 14.03	+ 7 17.6	2.861	3.749	8.6	21.1
6 20	16 7.78	+ 7 14.9	2.920	3.753	10.1	21.2
6 30	16 2.72	+ 6 56.0	3.001	3.756	11.6	21.4
259596 2003 UZ_{259}			5 28.6 297°.92		1°.2/29.0 18	
4 21	16 50.20	−24 59.7	1.428	2.267	17.7	20.8
5 1	16 47.04	−24 58.5	1.320	2.235	14.1	20.5
5 11	16 40.52	−24 48.8	1.233	2.203	9.7	20.1
5 21	16 31.15	−24 29.0	1.167	2.171	4.7	19.7
5 31	16 20.01	−23 59.0	1.125	2.138	1.7	19.4
6 10	16 8.70	−23 21.5	1.108	2.106	7.1	19.7
6 20	15 58.81	−22 41.6	1.114	2.073	12.7	19.9
6 30	15 51.75	−22 5.5	1.141	2.041	17.8	20.1
480846 2000 SF_{83}			5 28.6 240°.78		4°.1/30.5 18	
4 21	16 51.50	−35 11.9	2.843	3.614	11.5	22.0
5 1	16 46.24	−35 40.2	2.735	3.598	9.5	21.8
5 11	16 38.93	−35 59.6	2.649	3.582	7.2	21.6
5 21	16 30.08	−36 7.9	2.589	3.566	5.0	21.4
5 31	16 20.42	−36 3.6	2.558	3.549	4.1	21.4
6 10	16 10.82	−35 47.2	2.554	3.531	5.3	21.4
6 20	16 2.13	−35 20.8	2.578	3.513	7.6	21.5
6 30	15 55.08	−34 48.0	2.628	3.495	10.1	21.7
149212 2002 QD_{60}			5 28.6 187°.64		3°.2/30.1 17	
4 21	16 54.55	−31 50.3	2.058	2.852	14.6	21.6
5 1	16 49.02	−31 51.3	1.968	2.852	11.7	21.4
5 11	16 40.93	−31 40.8	1.900	2.851	8.4	21.1
5 21	16 30.97	−31 16.8	1.857	2.850	5.0	20.9
5 31	16 20.17	−30 39.4	1.842	2.847	3.2	20.8
6 10	16 9.71	−29 51.0	1.854	2.844	5.6	21.0
6 20	16 0.65	−28 56.1	1.893	2.841	9.1	21.2
6 30	15 53.81	−28 0.5	1.957	2.837	12.4	21.4
199749 2006 JH_{14}			5 28.7 17°.71		2°.3/29.3 18	
4 21	16 49.61	−26 29.3	1.673	2.501	16.0	20.3
5 1	16 45.63	−26 53.5	1.597	2.504	12.6	20.1
5 11	16 38.91	−27 10.8	1.542	2.507	8.7	19.8
5 21	16 30.15	−27 19.3	1.510	2.510	4.5	19.6
5 31	16 20.42	−27 18.5	1.504	2.514	2.4	19.5
6 10	16 11.02	−27 9.6	1.523	2.519	5.9	19.7
6 20	16 3.12	−26 55.7	1.568	2.523	10.0	19.9
6 30	15 57.59	−26 40.9	1.635	2.529	13.7	20.2
374434 2005 WZ_{158}			5 28.7 217°.27		5°.2/26.6 18	
4 21	16 49.56	− 8 41.4	2.030	2.850	13.9	21.2
5 1	16 44.87	− 8 1.0	1.945	2.844	11.1	21.0
5 11	16 38.06	− 7 24.5	1.882	2.837	8.1	20.8
5 21	16 29.68	− 6 55.3	1.844	2.831	5.7	20.6
5 31	16 20.56	− 6 36.6	1.834	2.823	5.5	20.6
6 10	16 11.65	− 6 30.8	1.850	2.816	7.8	20.7
6 20	16 3.81	− 6 38.9	1.891	2.808	10.9	20.9
6 30	15 57.77	− 7 0.7	1.955	2.799	13.9	21.1
425907 2011 FB_{125}			5 28.7 73°.55		1°.3/29.2 17	
4 21	16 51.70	−26 58.1	1.713	2.535	16.0	21.3
5 1	16 46.86	−26 41.1	1.649	2.553	12.4	21.1
5 11	16 39.44	−26 14.3	1.606	2.572	8.4	20.9
5 21	16 30.26	−25 37.8	1.588	2.590	4.0	20.6
5 31	16 20.44	−24 53.6	1.596	2.608	1.6	20.5
6 10	16 11.21	−24 5.3	1.631	2.626	5.5	20.8
6 20	16 3.58	−23 17.8	1.691	2.644	9.5	21.1
6 30	15 58.27	−22 35.5	1.774	2.662	13.1	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
265538 2005 NB_{83}			5 28.7 230°.28		8°.1/31.8 18	
	h m	° ′			°	m
4 21	16 57.30	−42 24.9	1.947	2.707	16.5	20.2
5 1	16 52.02	−43 12.7	1.854	2.699	14.1	20.0
5 11	16 43.43	−43 44.4	1.781	2.690	11.5	19.8
5 21	16 32.26	−43 54.1	1.730	2.681	9.2	19.6
5 31	16 19.76	−43 37.9	1.704	2.672	8.1	19.6
6 10	16 7.54	−42 56.3	1.703	2.662	9.0	19.6
6 20	15 57.05	−41 53.9	1.727	2.652	11.3	19.7
6 30	15 49.42	−40 39.0	1.774	2.642	14.0	19.9
357889 2005 UD_{515}			5 28.7 122°.84		5°.8/25.5 18	
4 21	16 45.22	− 4 1.9	2.591	3.400	11.5	21.5
5 1	16 40.94	− 3 8.1	2.522	3.407	9.4	21.4
5 11	16 35.14	− 2 20.1	2.476	3.415	7.3	21.3
5 21	16 28.30	− 1 41.4	2.456	3.422	6.0	21.2
5 31	16 21.03	− 1 14.8	2.462	3.429	6.0	21.2
6 10	16 14.01	− 1 2.2	2.496	3.436	7.5	21.3
6 20	16 7.83	− 1 4.0	2.555	3.443	9.6	21.5
6 30	16 2.98	− 1 19.6	2.637	3.449	11.6	21.6
150630 2001 AQ_{45}			5 28.7 176°.74		3°.8/30.7 18	
4 21	16 50.15	−35 37.4	2.988	3.757	11.1	20.8
5 1	16 44.93	−35 55.4	2.896	3.759	9.1	20.7
5 11	16 37.89	−36 4.1	2.827	3.760	6.8	20.5
5 21	16 29.56	−36 1.6	2.785	3.761	4.7	20.4
5 31	16 20.63	−35 47.4	2.770	3.761	3.8	20.3
6 10	16 11.92	−35 22.4	2.784	3.761	4.8	20.4
6 20	16 4.15	−34 49.2	2.825	3.761	7.0	20.5
6 30	15 57.92	−34 11.2	2.892	3.761	9.2	20.7
214147 2005 AO_{80}			5 28.7 24°.62		4°.2/27.8 17	
4 21	16 48.87	−13 8.0	1.171	2.031	19.4	19.9
5 1	16 45.63	−12 56.4	1.112	2.037	15.2	19.6
5 11	16 39.15	−12 49.2	1.072	2.045	10.5	19.4
5 21	16 30.30	−12 49.3	1.052	2.053	5.8	19.1
5 31	16 20.41	−12 58.9	1.055	2.062	4.6	19.1
6 10	16 11.06	−13 19.5	1.082	2.073	8.6	19.3
6 20	16 3.60	−13 51.1	1.131	2.083	13.2	19.6
6 30	15 58.96	−14 33.1	1.199	2.095	17.4	19.9
31989 2000 HX_{33}			5 28.7 353°.35		3°.0/27.9 17	
4 21	16 48.75	−17 5.7	1.192	2.051	19.2	19.4
5 1	16 45.71	−16 41.0	1.122	2.048	15.0	19.1
5 11	16 39.35	−16 14.4	1.071	2.046	10.1	18.9
5 21	16 30.46	−15 48.7	1.041	2.045	5.0	18.6
5 31	16 20.36	−15 27.1	1.034	2.044	3.5	18.5
6 10	16 10.67	−15 13.5	1.050	2.044	8.2	18.7
6 20	16 2.83	−15 10.6	1.088	2.044	13.3	19.0
6 30	15 57.89	−15 20.4	1.146	2.044	17.9	19.3
436986 2012 TZ_{207}			5 28.7 149°.25		1°.6/29.4 17	
4 21	16 49.38	−27 28.3	2.087	2.900	13.8	21.3
5 1	16 44.87	−27 22.3	2.003	2.901	10.9	21.1
5 11	16 38.10	−27 7.9	1.941	2.903	7.4	20.9
5 21	16 29.72	−26 44.7	1.903	2.904	3.8	20.7
5 31	16 20.61	−26 13.3	1.893	2.905	1.8	20.5
6 10	16 11.81	−25 36.4	1.911	2.906	4.9	20.7
6 20	16 4.24	−24 57.4	1.955	2.907	8.6	21.0
6 30	15 58.61	−24 20.3	2.023	2.907	11.9	21.2
146785 2001 XA_{253}			5 28.7 46°.52		2°.8/30.1 18	
4 21	16 48.58	−31 1.1	2.033	2.841	14.3	19.3
5 1	16 44.25	−30 56.0	1.961	2.854	11.3	19.1
5 11	16 37.66	−30 40.0	1.911	2.867	8.0	19.0
5 21	16 29.49	−30 12.3	1.885	2.880	4.6	18.8
5 31	16 20.70	−29 33.6	1.886	2.893	2.8	18.7
6 10	16 12.36	−28 47.0	1.914	2.907	5.1	18.9
6 20	16 5.36	−27 56.7	1.968	2.921	8.5	19.1
6 30	16 0.37	−27 7.2	2.047	2.935	11.6	19.3
422508 2014 TK_{5}			5 28.7 163°.17		0°.7/28.4 17	
4 21	16 53.39	−20 59.4	1.903	2.722	14.7	22.7
5 1	16 48.02	−20 44.6	1.824	2.728	11.4	22.5
5 11	16 40.22	−20 25.5	1.766	2.733	7.6	22.3
5 21	16 30.67	−20 2.6	1.733	2.737	3.4	22.0
5 31	16 20.34	−19 37.4	1.729	2.741	1.3	21.9
6 10	16 10.37	−19 12.6	1.751	2.744	5.6	22.2
6 20	16 1.75	−18 51.1	1.801	2.747	9.6	22.4
6 30	15 55.25	−18 35.6	1.874	2.748	13.1	22.6
420290 2011 UB_{142}			5 28.7 296°.85		2°.5/28.2 17	
4 21	16 50.53	−16 28.9	1.264	2.117	18.7	21.0
5 1	16 47.38	−16 27.5	1.172	2.095	14.8	20.7
5 11	16 40.79	−16 27.2	1.099	2.073	10.1	20.3
5 21	16 31.30	−16 29.3	1.047	2.052	4.9	20.0
5 31	16 20.09	−16 35.4	1.019	2.030	3.0	19.8
6 10	16 8.81	−16 47.5	1.014	2.009	8.2	20.0
6 20	15 59.10	−17 7.1	1.032	1.988	13.8	20.3
6 30	15 52.33	−17 36.0	1.069	1.967	18.9	20.5

349008 2006 UJ_{274} 5 28.7 65°.24 0°.2/28.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.67	−23 59.0	2.148	2.966	13.3	20.2
5 1	16 43.91	−23 19.9	2.085	2.989	10.2	20.0
5 11	16 37.21	−22 34.0	2.044	3.011	6.7	19.9
5 21	16 29.23	−21 43.0	2.030	3.034	2.9	19.7
5 31	16 20.84	−20 49.4	2.044	3.057	1.0	19.5
6 10	16 12.92	−19 56.7	2.086	3.080	4.7	19.8
6 20	16 6.23	−19 8.4	2.155	3.102	8.2	20.1
6 30	16 1.33	−18 27.5	2.248	3.125	11.2	20.3

209523 2004 SP_{53} 5 28.7 226°.26 1°.2/29.0 17

4 21	16 54.73	−24 46.7	1.779	2.596	15.7	22.0
5 1	16 49.61	−24 52.0	1.684	2.586	12.4	21.7
5 11	16 41.64	−24 50.8	1.610	2.575	8.4	21.5
5 21	16 31.46	−24 41.9	1.561	2.563	4.0	21.2
5 31	16 20.11	−24 25.2	1.538	2.551	1.5	21.0
6 10	16 8.92	−24 2.6	1.543	2.538	5.9	21.2
6 20	15 59.13	−23 37.6	1.574	2.524	10.4	21.5
6 30	15 51.73	−23 14.6	1.627	2.510	14.4	21.7

266669 2008 XR_{11} 5 28.7 206°.59 3°.7/26.9 18

4 21	16 48.71	−11 31.5	2.436	3.250	12.0	21.7
5 1	16 43.88	−10 57.8	2.346	3.245	9.5	21.5
5 11	16 37.26	−10 25.7	2.280	3.239	6.7	21.3
5 21	16 29.33	− 9 57.6	2.240	3.233	4.2	21.2
5 31	16 20.79	− 9 35.7	2.229	3.226	3.9	21.1
6 10	16 12.43	− 9 22.3	2.245	3.218	6.2	21.3
6 20	16 4.97	− 9 18.6	2.289	3.210	9.1	21.4
6 30	15 59.02	− 9 25.1	2.356	3.202	11.8	21.6

494446 2016 UT_{121} 5 28.7 229°.39 0°.8/28.3 18

4 21	16 47.37	−19 26.4	2.788	3.599	10.7	22.8
5 1	16 42.75	−19 15.4	2.688	3.589	8.3	22.6
5 11	16 36.47	−19 2.0	2.612	3.578	5.5	22.4
5 21	16 28.98	−18 47.1	2.563	3.567	2.5	22.2
5 31	16 20.91	−18 31.6	2.543	3.555	1.2	22.1
6 10	16 12.95	−18 17.0	2.553	3.543	4.2	22.3
6 20	16 5.78	−18 5.0	2.590	3.531	7.3	22.4
6 30	15 59.96	−17 57.2	2.652	3.518	10.0	22.6

298296 2003 BC_{27} 5 28.7 83°.93 2°.9/30.2 18

4 21	16 50.52	−31 32.9	2.252	3.049	13.4	20.7
5 1	16 45.51	−31 33.3	2.181	3.066	10.7	20.5
5 11	16 38.39	−31 23.3	2.132	3.083	7.6	20.3
5 21	16 29.81	−31 2.2	2.108	3.100	4.5	20.2
5 31	16 20.69	−30 30.2	2.111	3.117	2.9	20.1
6 10	16 11.99	−29 50.0	2.143	3.133	4.9	20.3
6 20	16 4.56	−29 5.1	2.201	3.150	7.9	20.5
6 30	15 59.04	−28 19.9	2.284	3.166	10.8	20.7

504098 2006 DN_{141} 5 28.7 221°.96 7°.5/25.3 17

4 21	16 48.01	− 2 24.0	2.077	2.888	13.9	21.4
5 1	16 43.60	− 1 24.8	1.998	2.883	11.5	21.2
5 11	16 37.19	− 0 33.3	1.942	2.878	9.2	21.1
5 21	16 29.34	+ 0 5.8	1.910	2.872	7.7	20.9
5 31	16 20.81	+ 0 28.5	1.904	2.866	7.8	20.9
6 10	16 12.51	+ 0 32.2	1.923	2.860	9.5	21.0
6 20	16 5.23	+ 0 16.7	1.966	2.854	12.0	21.2
6 30	15 59.65	− 0 16.5	2.031	2.847	14.5	21.3

508863 2002 RZ_{274} 5 28.7 247°.77 1°.3/29.2 18

4 21	16 50.29	−25 51.5	2.329	3.136	12.7	22.8
5 1	16 45.52	−25 57.8	2.226	3.122	10.0	22.6
5 11	16 38.58	−25 58.2	2.146	3.107	6.9	22.3
5 21	16 30.01	−25 51.8	2.091	3.092	3.4	22.1
5 31	16 20.59	−25 38.8	2.065	3.077	1.5	21.9
6 10	16 11.27	−25 20.4	2.067	3.061	4.7	22.1
6 20	16 2.95	−24 59.1	2.096	3.044	8.3	22.3
6 30	15 56.39	−24 38.0	2.149	3.028	11.5	22.5

88977 2001 TL_{62} 5 28.7 313°.96 0°.8/28.9 18

4 21	16 47.46	−22 53.4	1.148	2.009	19.7	19.4
5 1	16 45.46	−23 4.8	1.058	1.985	15.7	19.1
5 11	16 39.78	−23 10.7	0.985	1.961	10.7	18.7
5 21	16 30.96	−23 10.1	0.933	1.938	5.0	18.3
5 31	16 20.24	−23 2.5	0.903	1.916	1.6	18.0
6 10	16 9.44	−22 50.1	0.895	1.894	7.8	18.3
6 20	16 0.40	−22 36.9	0.908	1.873	13.9	18.5
6 30	15 54.61	−22 28.2	0.939	1.854	19.4	18.8

510903 2013 CY_{209} 5 28.7 219°.98 1°.3/29.4 18

4 21	16 48.61	−27 21.8	2.560	3.363	11.8	21.7
5 1	16 43.91	−27 10.3	2.464	3.357	9.3	21.5
5 11	16 37.32	−26 51.5	2.390	3.350	6.4	21.3
5 21	16 29.38	−26 25.0	2.343	3.343	3.2	21.1
5 31	16 20.81	−25 51.7	2.325	3.336	1.4	20.9
6 10	16 12.44	−25 13.6	2.335	3.329	4.3	21.1
6 20	16 5.04	−24 33.7	2.373	3.321	7.5	21.3
6 30	15 59.23	−23 55.3	2.436	3.313	10.4	21.5

3215 Lapko 5 28.7 130°.31 0°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.67	−21 31.3	2.513	3.325	11.8	17.6
5 1	16 43.86	−21 37.1	2.431	3.332	9.1	17.5
5 11	16 37.23	−21 40.1	2.373	3.338	6.0	17.3
5 21	16 29.33	−21 40.3	2.341	3.345	2.7	17.1
5 31	16 20.84	−21 38.0	2.338	3.351	0.8	16.9
6 10	16 12.59	−21 34.5	2.364	3.357	4.2	17.2
6 20	16 5.30	−21 31.1	2.417	3.363	7.4	17.4
6 30	15 59.55	−21 29.8	2.495	3.369	10.3	17.6

253210 2002 XQ_{89} 5 28.7 132°.42 1°.0/28.3 17

4 21	16 52.52	−19 17.3	1.943	2.763	14.4	21.1
5 1	16 47.25	−19 11.0	1.869	2.774	11.1	20.9
5 11	16 39.67	−19 2.4	1.817	2.785	7.4	20.7
5 21	16 30.44	−18 52.1	1.791	2.795	3.3	20.4
5 31	16 20.51	−18 41.2	1.792	2.804	1.5	20.3
6 10	16 10.96	−18 31.6	1.821	2.813	5.5	20.6
6 20	16 2.71	−18 25.3	1.876	2.822	9.3	20.8
6 30	15 56.49	−18 24.3	1.956	2.830	12.7	21.1

419627 2010 SM_{22} 5 28.7 192°.08 1°.3/28.2 17

4 21	16 52.52	−19 19.9	1.926	2.747	14.5	22.5
5 1	16 47.40	−19 0.4	1.840	2.745	11.3	22.3
5 11	16 39.87	−18 37.5	1.776	2.744	7.5	22.1
5 21	16 30.58	−18 12.3	1.737	2.741	3.4	21.8
5 31	16 20.46	−17 46.6	1.727	2.738	1.8	21.7
6 10	16 10.61	−17 23.1	1.743	2.734	5.8	22.0
6 20	16 2.03	−17 4.3	1.786	2.730	9.8	22.2
6 30	15 55.50	−16 52.9	1.853	2.725	13.3	22.4

192804 1999 VZ_{31} 5 28.7 271°.60 0°.4/28.8 17

4 21	16 49.36	−23 19.4	1.944	2.768	14.3	20.5
5 1	16 45.13	−23 14.6	1.850	2.757	11.2	20.2
5 11	16 38.49	−23 4.2	1.778	2.745	7.5	20.0
5 21	16 30.02	−22 48.2	1.730	2.734	3.4	19.7
5 31	16 20.63	−22 27.4	1.709	2.722	1.0	19.5
6 10	16 11.41	−22 4.0	1.716	2.711	5.3	19.8
6 20	16 3.37	−21 40.9	1.748	2.699	9.4	20.0
6 30	15 57.35	−21 21.4	1.803	2.688	13.1	20.2

409339 2004 VM_{69} 5 28.7 218°.82 0°.5/28.5 17

4 21	16 53.73	−21 0.3	1.758	2.581	15.5	22.7
5 1	16 48.73	−20 54.7	1.667	2.574	12.2	22.5
5 11	16 41.00	−20 45.0	1.598	2.566	8.2	22.2
5 21	16 31.17	−20 31.4	1.553	2.557	3.6	21.9
5 31	16 20.28	−20 14.7	1.535	2.548	1.3	21.7
6 10	16 9.60	−19 57.3	1.545	2.539	6.0	22.0
6 20	16 0.28	−19 42.1	1.580	2.528	10.5	22.3
6 30	15 53.27	−19 32.2	1.638	2.517	14.4	22.5

468903 2014 AE_{31} 5 28.7 279°.83 2°.6/27.5 17

4 21	16 50.17	−17 41.6	1.927	2.753	14.3	20.7
5 1	16 45.88	−16 59.7	1.814	2.722	11.3	20.5
5 11	16 39.11	−16 12.9	1.723	2.691	7.7	20.2
5 21	16 30.37	−15 23.2	1.657	2.659	3.9	19.9
5 31	16 20.51	−14 33.8	1.618	2.626	3.0	19.7
6 10	16 10.61	−13 48.8	1.607	2.593	6.8	19.9
6 20	16 1.75	−13 12.1	1.621	2.560	11.0	20.1
6 30	15 54.86	−12 46.9	1.658	2.525	14.9	20.2

26813 1985 RN_{3} 5 28.7 287°.86 4°.1/29.7 18

4 21	16 52.57	−29 15.6	1.350	2.183	18.9	18.4
5 1	16 49.15	−29 47.6	1.257	2.164	15.3	18.1
5 11	16 42.07	−30 10.1	1.182	2.145	11.0	17.8
5 21	16 31.93	−30 19.0	1.129	2.127	6.4	17.5
5 31	16 20.00	−30 11.3	1.100	2.108	4.2	17.3
6 10	16 8.09	−29 47.8	1.095	2.089	7.8	17.4
6 20	15 57.94	−29 13.3	1.112	2.071	12.8	17.7
6 30	15 50.97	−28 35.1	1.150	2.052	17.5	17.9

474218 2000 UW_{96} 5 28.7 222°.86 4°.1/30.2 18

4 21	16 52.65	−34 12.1	2.831	3.603	11.6	21.6
5 1	16 47.17	−34 56.3	2.730	3.594	9.5	21.4
5 11	16 39.61	−35 33.0	2.651	3.585	7.1	21.2
5 21	16 30.48	−35 59.5	2.599	3.576	5.0	21.1
5 31	16 20.50	−36 13.9	2.575	3.566	4.1	21.0
6 10	16 10.57	−36 16.0	2.580	3.555	5.3	21.1
6 20	16 1.54	−36 7.7	2.612	3.545	7.6	21.2
6 30	15 54.16	−35 51.9	2.670	3.534	10.0	21.3

293871 2007 RV_{262} 5 28.7 210°.65 1°.2/29.2 17

4 21	16 50.01	−25 48.5	2.232	3.042	13.1	21.6
5 1	16 45.28	−25 46.9	2.141	3.039	10.3	21.4
5 11	16 38.39	−25 38.7	2.072	3.035	7.0	21.2
5 21	16 29.92	−25 23.5	2.029	3.031	3.4	21.0
5 31	16 20.71	−25 1.8	2.014	3.026	1.4	20.8
6 10	16 11.71	−24 35.5	2.027	3.022	4.7	21.0
6 20	16 3.83	−24 7.5	2.067	3.017	8.3	21.3
6 30	15 57.76	−23 41.0	2.131	3.011	11.5	21.4

508465 2016 NG_{63} 5 28.7 271.°08 7.°8/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.40	−42 6.8	2.231	2.985	14.8	21.4
5 1	16 50.36	−43 9.0	2.127	2.966	12.7	21.3
5 11	16 42.34	−43 58.6	2.044	2.947	10.5	21.1
5 21	16 31.90	−44 30.1	1.983	2.928	8.6	20.9
5 31	16 20.05	−44 39.4	1.948	2.909	7.8	20.8
6 10	16 8.20	−44 25.4	1.939	2.890	8.6	20.8
6 20	15 57.68	−43 51.0	1.954	2.870	10.7	20.9
6 30	15 49.62	−43 2.1	1.993	2.850	13.2	21.0

333116 2011 VH_{18} 5 28.7 8.°91 6.°6/26.6 17

4 21	16 48.11	−11 8.5	1.213	2.071	19.0	20.0
5 1	16 44.98	−10 4.4	1.149	2.071	15.1	19.7
5 11	16 38.74	− 9 3.0	1.104	2.072	10.9	19.5
5 21	16 30.20	− 8 10.3	1.080	2.073	7.3	19.3
5 31	16 20.63	− 7 32.6	1.078	2.075	7.1	19.3
6 10	16 11.53	− 7 14.6	1.100	2.078	10.4	19.5
6 20	16 4.18	− 7 18.0	1.143	2.080	14.6	19.7
6 30	15 59.54	− 7 41.9	1.204	2.084	18.6	20.0

42353 2002 CZ_{41} 5 28.7 0.°99 7.°0/25.4 18

4 21	16 44.76	−10 39.7	1.432	2.285	16.9	18.4
5 1	16 41.90	− 9 6.3	1.365	2.283	13.5	18.1
5 11	16 36.44	− 7 33.5	1.318	2.283	9.9	17.9
5 21	16 29.11	− 6 8.3	1.294	2.283	7.3	17.8
5 31	16 20.97	− 4 58.3	1.295	2.283	7.5	17.8
6 10	16 13.23	− 4 9.1	1.319	2.285	10.3	18.0
6 20	16 6.93	− 3 43.6	1.365	2.287	13.9	18.2
6 30	16 2.88	− 3 41.5	1.430	2.290	17.3	18.4

72146 2000 YV_{87} 5 28.7 109.°17 1.°7/28.2 18

4 21	16 53.10	−18 15.5	1.602	2.434	16.4	20.0
5 1	16 48.13	−18 2.8	1.534	2.445	12.7	19.8
5 11	16 40.46	−17 48.3	1.487	2.457	8.5	19.6
5 21	16 30.86	−17 33.0	1.464	2.468	3.9	19.4
5 31	16 20.45	−17 18.7	1.467	2.479	2.2	19.3
6 10	16 10.52	−17 7.8	1.497	2.489	6.4	19.5
6 20	16 2.16	−17 2.6	1.552	2.500	10.7	19.8
6 30	15 56.18	−17 5.0	1.629	2.509	14.4	20.1

65984 1998 HA_{125} 5 28.7 344.°79 11.°3/24.9 18

4 21	16 43.98	+ 0 43.9	1.388	2.226	18.1	18.0
5 1	16 41.46	+ 1 58.8	1.320	2.216	15.5	17.8
5 11	16 36.28	+ 3 0.1	1.270	2.207	13.0	17.6
5 21	16 29.10	+ 3 39.6	1.241	2.198	11.4	17.5
5 31	16 20.96	+ 3 50.7	1.234	2.191	11.7	17.5
6 10	16 13.10	+ 3 30.5	1.248	2.185	13.6	17.6
6 20	16 6.63	+ 2 40.3	1.282	2.180	16.3	17.7
6 30	16 2.44	+ 1 24.2	1.334	2.176	19.2	17.9

49218 1998 SQ_{124} 5 28.7 300.°02 3.°3/29.4 18

4 21	16 51.28	−27 22.1	1.506	2.337	17.3	19.0
5 1	16 47.69	−27 58.3	1.412	2.319	13.9	18.8
5 11	16 40.84	−28 28.1	1.338	2.302	9.8	18.5
5 21	16 31.32	−28 48.2	1.285	2.284	5.5	18.2
5 31	16 20.26	−28 56.3	1.258	2.267	3.4	18.0
6 10	16 9.21	−28 52.4	1.256	2.250	7.0	18.2
6 20	15 59.70	−28 39.7	1.277	2.233	11.7	18.4
6 30	15 52.95	−28 23.3	1.319	2.217	16.0	18.6

501370 2013 YN_{45} 5 28.7 26.°22 7.°0/26.2 18

4 21	16 47.38	− 3 29.6	1.949	2.767	14.4	20.7
5 1	16 43.21	− 2 46.9	1.877	2.769	11.8	20.5
5 11	16 36.99	− 2 12.7	1.827	2.770	9.2	20.3
5 21	16 29.29	− 1 51.2	1.801	2.772	7.3	20.2
5 31	16 20.95	− 1 45.8	1.801	2.774	7.3	20.2
6 10	16 12.88	− 1 58.1	1.825	2.776	9.1	20.3
6 20	16 5.92	− 2 27.6	1.874	2.778	11.7	20.5
6 30	16 0.74	− 3 12.7	1.945	2.780	14.3	20.7

493606 2015 MG_{123} 5 28.7 272.°46 3.°0/30.4 17

4 21	16 50.26	−33 31.6	2.878	3.656	11.3	22.2
5 1	16 45.24	−33 24.6	2.755	3.627	9.2	22.0
5 11	16 38.30	−33 7.4	2.655	3.598	6.7	21.8
5 21	16 29.90	−32 38.6	2.581	3.568	4.2	21.6
5 31	16 20.75	−31 58.2	2.535	3.537	3.0	21.5
6 10	16 11.67	−31 7.6	2.519	3.506	4.6	21.5
6 20	16 3.46	−30 10.1	2.531	3.474	7.3	21.7
6 30	15 56.79	−29 9.7	2.569	3.442	10.0	21.8

132136 2002 CA_{252} 5 28.7 233.°67 3.°0/29.4 17

4 21	16 55.46	−27 17.3	1.652	2.469	16.7	20.1
5 1	16 50.57	−27 53.2	1.562	2.461	13.3	19.9
5 11	16 42.54	−28 22.8	1.492	2.452	9.3	19.6
5 21	16 32.00	−28 42.8	1.445	2.443	5.1	19.4
5 31	16 20.11	−28 51.0	1.425	2.434	3.1	19.2
6 10	16 8.35	−28 47.8	1.431	2.424	6.5	19.4
6 20	15 58.12	−28 36.2	1.462	2.414	10.9	19.6
6 30	15 50.55	−28 20.9	1.516	2.403	14.9	19.8

470272 2007 BX_{75} 5 28.7 220.°32 4.°2/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 51.46	−38 4.9	3.208	3.962	10.7	22.9
5 1	16 45.98	−38 20.7	3.102	3.951	8.9	22.7
5 11	16 38.68	−38 26.4	3.018	3.939	6.9	22.6
5 21	16 30.04	−38 20.1	2.960	3.927	5.0	22.5
5 31	16 20.75	−38 0.8	2.931	3.914	4.2	22.4
6 10	16 11.60	−37 29.5	2.930	3.901	5.0	22.4
6 20	16 3.35	−36 48.6	2.957	3.887	6.9	22.5
6 30	15 56.60	−36 1.7	3.010	3.873	9.0	22.6

74183 1998 RF_{39} 5 28.7 230.°50 0.°5/28.9 18

4 21	16 50.51	−23 41.4	2.476	3.283	12.1	20.7
5 1	16 45.51	−23 41.5	2.374	3.270	9.5	20.5
5 11	16 38.51	−23 37.0	2.294	3.258	6.4	20.3
5 21	16 30.01	−23 27.6	2.242	3.244	2.9	20.0
5 31	16 20.75	−23 13.7	2.218	3.230	0.9	19.8
6 10	16 11.60	−22 56.7	2.222	3.216	4.5	20.1
6 20	16 3.38	−22 38.7	2.255	3.201	7.9	20.3
6 30	15 56.78	−22 22.5	2.312	3.186	11.0	20.4

95841 2003 FB_{109} 5 28.7 281.°35 2.°7/29.1 18

4 21	16 54.37	−25 15.9	1.801	2.618	15.5	19.4
5 1	16 49.63	−26 11.0	1.699	2.599	12.4	19.2
5 11	16 41.93	−27 4.2	1.619	2.580	8.7	18.9
5 21	16 31.78	−27 52.3	1.563	2.562	4.7	18.6
5 31	16 20.17	−28 32.0	1.533	2.543	2.9	18.5
6 10	16 8.43	−29 1.8	1.531	2.524	6.3	18.6
6 20	15 57.91	−29 22.6	1.555	2.504	10.5	18.8
6 30	15 49.77	−29 37.4	1.602	2.485	14.5	19.0

202248 2005 AB_{16} 5 28.7 247.°81 5.°4/26.3 18

4 21	16 49.75	− 6 14.4	2.387	3.194	12.5	20.5
5 1	16 44.87	− 5 38.9	2.285	3.174	10.1	20.3
5 11	16 38.07	− 5 8.1	2.207	3.153	7.6	20.1
5 21	16 29.82	− 4 45.2	2.154	3.132	5.7	19.9
5 31	16 20.81	− 4 33.0	2.129	3.111	5.6	19.9
6 10	16 11.86	− 4 33.7	2.132	3.088	7.6	19.9
6 20	16 3.74	− 4 48.0	2.160	3.065	10.3	20.1
6 30	15 57.14	− 5 15.5	2.212	3.041	13.0	20.2

41018 1999 UB_{27} 5 28.7 222.°16 2.°3/29.8 18

4 21	16 48.49	−29 44.1	2.601	3.398	11.8	19.9
5 1	16 43.88	−29 50.6	2.507	3.394	9.4	19.8
5 11	16 37.37	−29 49.4	2.436	3.390	6.6	19.6
5 21	16 29.48	−29 39.6	2.391	3.385	3.8	19.4
5 31	16 20.93	−29 21.1	2.373	3.381	2.4	19.3
6 10	16 12.58	−28 55.4	2.385	3.376	4.4	19.4
6 20	16 5.19	−28 25.1	2.423	3.371	7.4	19.6
6 30	15 59.40	−27 53.4	2.487	3.366	10.1	19.8

396042 2013 CM_{31} 5 28.7 152.°74 1.°8/27.8 18

4 21	16 47.78	−15 39.9	2.967	3.776	10.2	22.4
5 1	16 42.82	−15 26.7	2.886	3.784	7.9	22.3
5 11	16 36.40	−15 13.5	2.829	3.793	5.3	22.1
5 21	16 28.97	−15 1.3	2.800	3.800	2.7	21.9
5 31	16 21.11	−14 51.1	2.800	3.807	2.0	21.9
6 10	16 13.45	−14 44.4	2.829	3.814	4.3	22.0
6 20	16 6.57	−14 42.1	2.887	3.820	6.9	22.2
6 30	16 0.96	−14 45.0	2.970	3.826	9.3	22.4

126112 2001 YL_{111} 5 28.7 223.°74 5.°5/27.6 18

4 21	16 53.73	− 5 4.7	2.029	2.835	14.4	19.7
5 1	16 48.21	− 5 6.6	1.941	2.829	11.7	19.5
5 11	16 40.40	− 5 17.9	1.874	2.822	8.7	19.3
5 21	16 30.89	− 5 41.0	1.833	2.816	6.1	19.1
5 31	16 20.51	− 6 17.2	1.819	2.808	5.7	19.1
6 10	16 10.28	− 7 6.4	1.833	2.801	7.8	19.2
6 20	16 1.15	− 8 7.4	1.874	2.793	10.9	19.4
6 30	15 53.89	− 9 18.0	1.939	2.785	13.9	19.6

508548 2016 UV_{15} 5 28.7 312.°39 7.°7/30.2 18

4 21	16 54.42	−39 0.3	2.055	2.829	15.3	20.8
5 1	16 49.78	−40 26.0	1.960	2.816	13.0	20.6
5 11	16 42.09	−41 41.8	1.886	2.803	10.6	20.4
5 21	16 31.88	−42 41.7	1.836	2.791	8.5	20.2
5 31	16 20.16	−43 20.6	1.811	2.779	7.7	20.2
6 10	16 8.36	−43 36.6	1.811	2.767	8.8	20.2
6 20	15 57.88	−43 31.7	1.836	2.755	11.1	20.3
6 30	15 49.91	−43 11.1	1.883	2.744	13.7	20.5

286167 2001 UJ_{9} 5 28.7 176.°46 0.°8/28.3 18

4 21	16 47.91	−19 30.2	3.166	3.970	9.8	22.7
5 1	16 42.89	−19 17.0	3.076	3.972	7.5	22.6
5 11	16 36.44	−19 1.6	3.010	3.975	5.0	22.4
5 21	16 29.00	−18 44.8	2.973	3.976	2.3	22.2
5 31	16 21.11	−18 27.4	2.965	3.977	1.1	22.1
6 10	16 13.40	−18 11.0	2.987	3.977	3.8	22.3
6 20	16 6.42	−17 56.8	3.038	3.977	6.4	22.5
6 30	16 0.65	−17 46.4	3.115	3.976	8.8	22.7

93665 2000 US_{108} 5 28.7 270°.91 0°.1/28.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.27	−19 27.1	1.866	2.687	14.9	19.4
5 1	16 48.39	−20 2.1	1.769	2.675	11.7	19.2
5 11	16 40.86	−20 38.1	1.694	2.662	7.8	18.9
5 21	16 31.22	−21 13.8	1.645	2.649	3.5	18.6
5 31	16 20.40	−21 48.0	1.622	2.635	1.1	18.4
6 10	16 9.59	−22 20.0	1.628	2.622	5.7	18.7
6 20	15 59.96	−22 50.3	1.659	2.609	10.0	18.9
6 30	15 52.48	−23 20.3	1.714	2.595	13.8	19.1

382984 2005 CU_{21} 5 28.7 173°.43 4°.0/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.09	− 9 43.7	2.554	3.364	11.7	22.4
5 1	16 44.05	− 9 11.2	2.473	3.367	9.2	22.2
5 11	16 37.33	− 8 41.6	2.415	3.370	6.6	22.1
5 21	16 29.43	− 8 17.2	2.384	3.372	4.4	21.9
5 31	16 21.01	− 8 0.2	2.381	3.373	4.2	21.9
6 10	16 12.80	− 7 52.4	2.407	3.374	6.2	22.0
6 20	16 5.48	− 7 54.6	2.459	3.375	8.8	22.2
6 30	15 59.61	− 8 7.0	2.536	3.374	11.3	22.4

478121 2011 UB_{103} 5 28.7 331°.55 0°.9/29.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.62	−27 43.8	2.125	2.940	13.5	20.7
5 1	16 43.49	−27 3.4	2.035	2.936	10.6	20.5
5 11	16 37.23	−26 12.2	1.968	2.932	7.2	20.2
5 21	16 29.44	−25 11.1	1.926	2.928	3.4	20.0
5 31	16 21.01	−24 2.4	1.911	2.924	1.2	19.8
6 10	16 12.90	−22 50.2	1.925	2.921	4.8	20.1
6 20	16 5.97	−21 39.4	1.966	2.917	8.5	20.3
6 30	16 0.89	−20 34.7	2.031	2.914	11.9	20.5

181371 2006 SD_{4} 5 28.7 256°.62 2°.2/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.59	−28 3.4	1.742	2.560	15.9	21.2
5 1	16 48.13	−28 3.1	1.645	2.546	12.7	21.0
5 11	16 40.80	−27 53.0	1.569	2.531	8.8	20.7
5 21	16 31.21	−27 31.3	1.516	2.516	4.6	20.4
5 31	16 20.45	−26 58.0	1.490	2.501	2.3	20.2
6 10	16 9.85	−26 15.7	1.490	2.485	6.0	20.4
6 20	16 0.67	−25 29.1	1.515	2.469	10.4	20.6
6 30	15 53.93	−24 43.7	1.564	2.453	14.5	20.8

280339 2003 SH_{153} 5 28.7 263°.81 2°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.34	−15 59.4	2.011	2.837	13.8	21.1
5 1	16 44.97	−15 47.6	1.916	2.824	10.8	20.8
5 11	16 38.35	−15 35.8	1.844	2.811	7.3	20.6
5 21	16 30.02	−15 25.2	1.797	2.799	3.7	20.4
5 31	16 20.81	−15 17.5	1.777	2.786	2.6	20.3
6 10	16 11.73	−15 14.5	1.784	2.772	6.0	20.4
6 20	16 3.70	−15 17.7	1.817	2.759	9.8	20.6
6 30	15 57.53	−15 28.3	1.874	2.746	13.2	20.8

126886 2002 EF_{99} 5 28.7 78°.32 6°.1/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.39	−36 20.2	1.830	2.618	16.4	19.9
5 1	16 50.89	−37 10.6	1.767	2.638	13.5	19.7
5 11	16 42.42	−37 47.4	1.723	2.658	10.3	19.6
5 21	16 31.81	−38 6.4	1.703	2.677	7.4	19.4
5 31	16 20.31	−38 5.1	1.709	2.697	6.1	19.4
6 10	16 9.34	−37 45.0	1.741	2.716	7.4	19.5
6 20	16 0.13	−37 10.7	1.797	2.736	10.1	19.7
6 30	15 53.56	−36 28.4	1.877	2.755	13.0	19.9

449718 2014 MP_{54} 5 28.7 273°.90 1°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.11	−24 51.0	2.788	3.594	10.9	21.3
5 1	16 42.68	−25 8.4	2.692	3.588	8.5	21.1
5 11	16 36.54	−25 22.0	2.619	3.581	5.8	20.9
5 21	16 29.13	−25 31.1	2.573	3.574	2.9	20.7
5 31	16 21.09	−25 35.5	2.556	3.567	1.3	20.6
6 10	16 13.17	−25 36.0	2.567	3.561	3.9	20.8
6 20	16 6.04	−25 33.9	2.606	3.554	6.9	20.9
6 30	16 0.31	−25 31.0	2.670	3.547	9.6	21.1

488230 2016 AR_{44} 5 28.7 333°.45 1°.9/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.01	−12 42.2	4.264	5.075	7.3	21.5
5 1	16 36.53	−12 28.4	4.176	5.074	5.7	21.4
5 11	16 32.12	−12 15.6	4.113	5.074	3.9	21.3
5 21	16 27.07	−12 4.9	4.078	5.073	2.3	21.1
5 31	16 21.74	−11 57.1	4.072	5.073	2.0	21.1
6 10	16 16.50	−11 53.2	4.095	5.072	3.5	21.2
6 20	16 11.72	−11 53.6	4.146	5.072	5.2	21.3
6 30	16 7.72	−11 58.9	4.223	5.071	6.9	21.5

500876 2013 JD_{64} 5 28.7 0°.56 0°.0/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 26.10	−21 33.3	41.801	42.606	0.8	24.4
5 1	16 25.36	−21 33.6	41.708	42.606	0.6	24.4
5 11	16 24.54	−21 33.8	41.642	42.606	0.4	24.3
5 21	16 23.66	−21 33.8	41.603	42.607	0.2	24.3
5 31	16 22.77	−21 33.7	41.594	42.607	0.1	24.3
6 10	16 21.88	−21 33.7	41.614	42.607	0.3	24.3
6 20	16 21.03	−21 33.7	41.662	42.607	0.5	24.3
6 30	16 20.24	−21 33.8	41.737	42.608	0.7	24.4

113733 2002 TX_{144} 5 28.7 148°.84 0°.8/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.55	−24 24.9	2.092	2.909	13.6	20.6
5 1	16 45.03	−24 26.2	2.008	2.910	10.6	20.4
5 11	16 38.30	−24 22.0	1.946	2.911	7.2	20.2
5 21	16 29.96	−24 11.8	1.910	2.913	3.4	20.0
5 31	16 20.87	−23 56.3	1.901	2.914	1.2	19.8
6 10	16 12.05	−23 37.2	1.920	2.915	4.9	20.1
6 20	16 4.40	−23 17.2	1.965	2.916	8.6	20.3
6 30	15 58.64	−22 59.3	2.034	2.917	11.9	20.5

91737 1999 TW_{172} 5 28.7 306°.13 0°.5/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.40	−22 17.8	2.249	3.071	12.6	19.7
5 1	16 42.41	−21 47.6	2.159	3.065	9.8	19.5
5 11	16 36.47	−21 11.8	2.091	3.060	6.5	19.3
5 21	16 29.12	−20 31.3	2.050	3.054	2.9	19.1
5 31	16 21.13	−19 48.4	2.035	3.048	1.1	18.9
6 10	16 13.36	−19 5.9	2.049	3.043	4.8	19.2
6 20	16 6.61	−18 27.0	2.090	3.037	8.4	19.4
6 30	16 1.53	−17 54.6	2.154	3.032	11.5	19.6

199471 2006 DR_{64} 5 28.7 40°.32 8°.1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.61	−40 6.7	1.719	2.502	17.5	19.7
5 1	16 50.11	−41 9.6	1.646	2.508	14.8	19.5
5 11	16 42.28	−41 56.7	1.593	2.514	11.9	19.3
5 21	16 31.90	−42 22.2	1.561	2.521	9.3	19.2
5 31	16 20.30	−42 22.3	1.553	2.528	8.1	19.1
6 10	16 9.10	−41 57.7	1.570	2.535	9.1	19.2
6 20	15 59.78	−41 13.4	1.610	2.542	11.5	19.4
6 30	15 53.38	−40 17.1	1.673	2.550	14.3	19.6

11824 Alpaidze 5 28.7 287°.36 1°.0/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.10	−24 36.7	1.916	2.735	14.6	19.1
5 1	16 46.87	−24 39.1	1.800	2.704	11.6	18.8
5 11	16 39.98	−24 35.5	1.706	2.672	8.0	18.6
5 21	16 30.91	−24 24.7	1.637	2.640	3.8	18.2
5 31	16 20.55	−24 6.7	1.594	2.607	1.4	18.0
6 10	16 10.08	−23 43.2	1.578	2.574	5.7	18.2
6 20	16 0.69	−23 17.3	1.589	2.540	10.2	18.4
6 30	15 53.42	−22 53.0	1.622	2.507	14.3	18.6

201427 2003 AM_{28} 5 28.7 180°.68 4°.1/27.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.03	−13 42.2	1.495	2.331	17.2	20.6
5 1	16 48.38	−13 12.2	1.420	2.332	13.5	20.4
5 11	16 40.86	−12 43.5	1.365	2.332	9.3	20.1
5 21	16 31.19	−12 19.0	1.333	2.332	5.3	19.9
5 31	16 20.52	−12 2.0	1.328	2.332	4.4	19.8
6 10	16 10.21	−11 55.3	1.347	2.332	8.0	20.0
6 20	16 1.46	−12 0.6	1.391	2.331	12.3	20.3
6 30	15 55.20	−12 18.5	1.455	2.329	16.2	20.5

107889 2001 FA_{93} 5 28.7 173°.32 0°.5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.80	−20 13.3	1.842	2.663	15.0	20.2
5 1	16 48.57	−20 15.6	1.760	2.665	11.7	20.0
5 11	16 40.79	−20 15.3	1.700	2.667	7.8	19.7
5 21	16 31.11	−20 12.3	1.665	2.669	3.5	19.5
5 31	16 20.55	−20 7.3	1.657	2.670	1.2	19.3
6 10	16 10.27	−20 1.8	1.677	2.671	5.6	19.6
6 20	16 1.35	−19 58.0	1.723	2.671	9.8	19.9
6 30	15 54.61	−19 58.2	1.792	2.670	13.5	20.1

410743 2009 CX_{55} 5 28.7 136°.67 4°.8/26.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.72	− 8 7.4	2.372	3.186	12.3	21.7
5 1	16 43.08	− 7 23.3	2.299	3.195	9.8	21.6
5 11	16 36.73	− 6 43.1	2.251	3.203	7.2	21.4
5 21	16 29.19	− 6 9.8	2.228	3.210	5.2	21.3
5 31	16 21.15	− 5 46.4	2.232	3.218	5.1	21.3
6 10	16 13.39	− 5 34.7	2.264	3.225	7.0	21.4
6 20	16 6.58	− 5 35.5	2.322	3.232	9.5	21.6
6 30	16 1.28	− 5 48.6	2.403	3.238	11.9	21.8

458807 2011 SB_{225} 5 28.7 357°.84 1°.3/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.84	−22 32.7	1.207	2.062	19.2	21.0
5 1	16 45.85	−21 47.8	1.136	2.061	15.0	20.7
5 11	16 39.52	−20 52.4	1.084	2.060	10.0	20.4
5 21	16 30.67	−19 49.0	1.053	2.059	4.5	20.1
5 31	16 20.70	−18 42.2	1.046	2.059	2.1	19.9
6 10	16 11.23	−17 38.9	1.063	2.059	7.6	20.2
6 20	16 3.66	−16 45.6	1.102	2.060	12.9	20.5
6 30	15 59.02	−16 7.0	1.161	2.062	17.5	20.8

301013 2008 JJ_{18} 5 28.7 264°.77 1°.8/27.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 39.45	−12 49.5	4.482	5.292	7.0	20.5
5 1	16 36.07	−12 32.2	4.390	5.288	5.4	20.4
5 11	16 31.81	−12 15.7	4.324	5.285	3.7	20.2
5 21	16 26.95	−12 1.0	4.286	5.281	2.2	20.1
5 31	16 21.81	−11 49.2	4.276	5.277	2.0	20.1
6 10	16 16.77	−11 41.1	4.296	5.273	3.3	20.2
6 20	16 12.14	−11 37.3	4.344	5.269	5.0	20.3
6 30	16 8.25	−11 38.3	4.418	5.265	6.7	20.4

233365 2006 DT_{124} 5 28.7 193°.16 0°.9/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.98	−20 18.4	2.071	2.892	13.6	21.6
5 1	16 45.32	−20 1.7	1.985	2.891	10.6	21.4
5 11	16 38.48	−19 41.3	1.922	2.890	7.0	21.1
5 21	16 30.05	−19 18.1	1.884	2.888	3.2	20.9
5 31	16 20.89	−18 53.6	1.874	2.886	1.4	20.8
6 10	16 11.97	−18 30.3	1.892	2.884	5.2	21.0
6 20	16 4.21	−18 10.7	1.936	2.882	9.0	21.2
6 30	15 58.30	−17 57.2	2.004	2.879	12.4	21.4

34837 2001 SD_{262} 5 28.7 86°.72 3°.6/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.03	−30 38.7	1.404	2.227	18.7	18.3
5 1	16 50.35	−30 45.7	1.338	2.239	15.0	18.1
5 11	16 42.31	−30 39.0	1.291	2.251	10.6	17.9
5 21	16 31.84	−30 16.3	1.267	2.263	6.0	17.7
5 31	16 20.38	−29 37.6	1.267	2.275	3.6	17.5
6 10	16 9.58	−28 47.0	1.292	2.287	6.8	17.8
6 20	16 0.82	−27 51.0	1.342	2.298	11.2	18.0
6 30	15 55.03	−26 56.7	1.413	2.310	15.2	18.3

278867 2008 TR_{53} 5 28.7 354°.72 3°.0/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.18	−16 15.3	1.584	2.428	16.0	20.7
5 1	16 43.72	−15 43.9	1.508	2.426	12.5	20.5
5 11	16 37.70	−15 11.1	1.452	2.424	8.5	20.2
5 21	16 29.78	−14 39.6	1.420	2.423	4.4	20.0
5 31	16 20.97	−14 12.6	1.414	2.422	3.4	19.9
6 10	16 12.49	−13 53.2	1.432	2.421	7.1	20.1
6 20	16 5.38	−13 44.0	1.475	2.421	11.2	20.4
6 30	16 0.49	−13 46.3	1.539	2.422	15.0	20.6

474340 2002 OM_{5} 5 28.7 292°.78 1°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.02	−26 13.3	1.917	2.738	14.5	21.4
5 1	16 45.13	−25 59.0	1.809	2.713	11.5	21.2
5 11	16 38.71	−25 35.6	1.722	2.688	7.9	20.9
5 21	16 30.30	−25 2.7	1.660	2.662	3.8	20.6
5 31	16 20.79	−24 21.2	1.624	2.637	1.4	20.3
6 10	16 11.35	−23 33.9	1.615	2.611	5.5	20.6
6 20	16 3.07	−22 45.1	1.632	2.586	9.8	20.8
6 30	15 56.87	−21 59.7	1.673	2.560	13.7	20.9

490007 2008 SF_{224} 5 28.7 182°.44 11°.9/22.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.77	− 4 29.1	1.235	2.072	20.0	21.8
5 1	16 50.03	− 1 50.5	1.173	2.074	16.7	21.6
5 11	16 42.08	+ 0 44.3	1.132	2.075	13.6	21.4
5 21	16 31.76	+ 3 2.2	1.113	2.075	12.0	21.3
5 31	16 20.41	+ 4 50.6	1.118	2.074	12.8	21.4
6 10	16 9.59	+ 6 1.1	1.145	2.072	15.5	21.5
6 20	16 0.63	+ 6 31.5	1.192	2.069	18.8	21.7
6 30	15 54.50	+ 6 25.2	1.255	2.066	21.9	21.9

268923 2007 CT_{45} 5 28.7 152°.22 0°.9/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.72	−25 45.3	1.859	2.677	15.0	20.9
5 1	16 46.95	−25 30.3	1.778	2.681	11.8	20.7
5 11	16 39.69	−25 6.9	1.719	2.684	7.9	20.5
5 21	16 30.61	−24 35.0	1.685	2.688	3.7	20.2
5 31	16 20.75	−23 56.1	1.678	2.691	1.3	20.1
6 10	16 11.27	−23 13.4	1.698	2.693	5.3	20.3
6 20	16 3.18	−22 30.9	1.744	2.696	9.4	20.6
6 30	15 57.27	−21 53.0	1.813	2.698	13.0	20.8

140199 2001 SV_{222} 5 28.7 148°.45 3°.4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.31	−31 5.9	2.292	3.088	13.2	20.5
5 1	16 46.40	−31 35.1	2.207	3.090	10.6	20.3
5 11	16 39.24	−31 56.2	2.144	3.093	7.7	20.2
5 21	16 30.42	−32 6.9	2.106	3.095	4.8	20.0
5 31	16 20.81	−32 6.1	2.095	3.097	3.4	19.9
6 10	16 11.42	−31 54.8	2.112	3.100	5.3	20.0
6 20	16 3.20	−31 35.5	2.156	3.102	8.3	20.2
6 30	15 56.88	−31 12.0	2.224	3.103	11.2	20.4

387452 2013 WN_{74} 5 28.7 249°.27 2°.4/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.54	−14 27.8	1.872	2.698	14.7	20.7
5 1	16 46.81	−14 34.8	1.785	2.692	11.5	20.5
5 11	16 39.66	−14 44.5	1.720	2.687	7.8	20.3
5 21	16 30.66	−14 57.7	1.680	2.681	4.0	20.0
5 31	16 20.73	−15 15.1	1.666	2.675	2.7	19.9
6 10	16 10.97	−15 37.5	1.680	2.670	6.2	20.1
6 20	16 2.39	−16 5.1	1.720	2.664	10.1	20.4
6 30	15 55.84	−16 38.4	1.783	2.658	13.7	20.6

133728 2003 UO_{270} 5 28.7 114°.46 2°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.85	−16 43.2	1.988	2.816	13.9	20.2
5 1	16 44.44	−16 20.1	1.911	2.819	10.8	20.0
5 11	16 37.89	−15 55.9	1.855	2.823	7.2	19.8
5 21	16 29.79	−15 32.2	1.825	2.827	3.6	19.6
5 31	16 21.02	−15 11.2	1.822	2.830	2.6	19.5
6 10	16 12.54	−14 55.3	1.846	2.834	5.8	19.8
6 20	16 5.22	−14 46.4	1.896	2.837	9.5	20.0
6 30	15 59.76	−14 45.8	1.969	2.841	12.7	20.2

71382 2000 AT_{149} 5 28.7 171°.56 2°.4/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.08	−15 51.1	2.527	3.341	11.7	20.0
5 1	16 44.11	−15 16.0	2.443	3.344	9.1	19.9
5 11	16 37.42	−14 39.7	2.383	3.347	6.1	19.7
5 21	16 29.52	−14 4.1	2.350	3.350	3.3	19.5
5 31	16 21.10	−13 31.3	2.346	3.352	2.7	19.5
6 10	16 12.92	−13 3.8	2.371	3.353	5.2	19.6
6 20	16 5.67	−12 43.3	2.423	3.354	8.2	19.8
6 30	15 59.91	−12 31.3	2.499	3.354	10.9	20.0

272468 2005 UV_{70} 5 28.7 195°.94 6°.0/30.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.18	−36 21.0	2.078	2.855	15.0	21.8
5 1	16 51.56	−37 19.9	1.989	2.853	12.5	21.6
5 11	16 43.04	−38 8.2	1.922	2.851	9.7	21.4
5 21	16 32.25	−38 41.1	1.878	2.848	7.1	21.3
5 31	16 20.26	−38 55.1	1.861	2.845	6.1	21.2
6 10	16 8.43	−38 49.9	1.871	2.842	7.4	21.3
6 20	15 58.02	−38 28.6	1.906	2.838	10.0	21.4
6 30	15 50.04	−37 56.8	1.965	2.833	12.9	21.6

311245 2005 EQ_{10} 5 28.7 52°.89 0°.2/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.41	−22 42.5	1.319	2.164	18.5	21.0
5 1	16 47.42	−22 28.2	1.259	2.178	14.4	20.8
5 11	16 40.29	−22 6.9	1.219	2.191	9.6	20.6
5 21	16 30.94	−21 39.4	1.201	2.206	4.2	20.3
5 31	16 20.71	−21 7.9	1.207	2.220	1.3	20.1
6 10	16 11.11	−20 36.2	1.238	2.235	6.6	20.5
6 20	16 3.40	−20 8.8	1.292	2.250	11.5	20.8
6 30	15 58.45	−19 49.3	1.368	2.265	15.6	21.1

198268 2004 TK_{264} 5 28.7 335°.26 3°.4/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.17	−27 53.2	1.495	2.329	17.3	19.3
5 1	16 45.96	−28 29.8	1.411	2.319	13.8	19.1
5 11	16 39.63	−28 59.1	1.346	2.310	9.8	18.8
5 21	16 30.82	−29 18.0	1.303	2.301	5.6	18.5
5 31	16 20.69	−29 24.4	1.285	2.294	3.5	18.4
6 10	16 10.74	−29 19.0	1.291	2.286	6.8	18.6
6 20	16 2.36	−29 5.1	1.321	2.280	11.2	18.8
6 30	15 56.67	−28 47.6	1.373	2.274	15.3	19.0

497024 2003 QS_{1} 5 28.7 276°.64 2°.9/27.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.14	−17 0.7	1.608	2.444	16.2	21.8
5 1	16 47.16	−16 26.0	1.505	2.419	12.8	21.6
5 11	16 40.30	−15 47.6	1.423	2.393	8.8	21.3
5 21	16 31.11	−15 7.8	1.365	2.367	4.5	20.9
5 31	16 20.60	−14 29.9	1.333	2.341	3.4	20.8
6 10	16 10.06	−13 58.0	1.326	2.314	7.6	21.0
6 20	16 0.80	−13 35.9	1.343	2.287	12.3	21.2
6 30	15 53.88	−13 26.5	1.382	2.260	16.7	21.4

248423 2005 SE_{218} 5 28.7 187°.91 1°.2/28.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.89	−18 9.2	3.039	3.848	10.0	21.9
5 1	16 42.22	−17 54.1	2.948	3.847	7.7	21.7
5 11	16 36.09	−17 37.5	2.881	3.846	5.1	21.6
5 21	16 28.93	−17 20.2	2.841	3.844	2.4	21.4
5 31	16 21.30	−17 3.4	2.831	3.842	1.5	21.3
6 10	16 13.83	−16 48.5	2.851	3.839	4.0	21.5
6 20	16 7.09	−16 36.9	2.898	3.836	6.7	21.6
6 30	16 1.58	−16 29.9	2.971	3.833	9.2	21.8

352434 2008 AZ_{16} 5 28.7 257°.86 4°.4/26.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.97	− 9 28.2	2.254	3.075	12.7	21.4
5 1	16 42.76	− 8 58.1	2.170	3.070	10.1	21.2
5 11	16 36.68	− 8 31.7	2.108	3.065	7.3	21.0
5 21	16 29.26	− 8 11.5	2.072	3.060	4.9	20.8
5 31	16 21.20	− 7 59.9	2.062	3.055	4.7	20.8
6 10	16 13.33	− 7 58.9	2.080	3.051	6.8	20.9
6 20	16 6.39	− 8 9.1	2.124	3.046	9.7	21.1
6 30	16 1.01	− 8 30.5	2.191	3.041	12.4	21.3

393087 2013 AV_{107} 5 28.7 82°.62 0°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.68	−22 47.3	2.309	3.126	12.5	21.4
5 1	16 43.29	−22 34.9	2.229	3.133	9.7	21.3
5 11	16 37.01	−22 17.9	2.173	3.140	6.4	21.1
5 21	16 29.38	−21 56.6	2.143	3.147	2.9	20.8
5 31	16 21.18	−21 32.4	2.141	3.154	0.8	20.7
6 10	16 13.27	−21 7.3	2.166	3.161	4.5	21.0
6 20	16 6.40	−20 43.8	2.219	3.168	7.9	21.2
6 30	16 1.19	−20 24.3	2.296	3.175	10.9	21.4

365167 2009 DR_{136} 5 28.7 91°.40 1°.3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.93	−18 17.0	1.481	2.315	17.4	21.3
5 1	16 49.79	−18 22.5	1.418	2.330	13.5	21.1
5 11	16 41.73	−18 27.3	1.376	2.346	9.0	20.8
5 21	16 31.57	−18 31.4	1.357	2.361	4.1	20.6
5 31	16 20.54	−18 35.5	1.364	2.376	1.8	20.5
6 10	16 10.06	−18 41.1	1.397	2.391	6.5	20.8
6 20	16 1.31	−18 49.9	1.455	2.406	11.0	21.1
6 30	15 55.15	−19 3.7	1.535	2.420	14.9	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
239920 2000 TN_{62}			5 28.7 227°.54		5°.0/30.4 18	
	h m	° ′			°	m
4 21	16 53.62	−35 58.4	2.618	3.387	12.5	20.9
5 1	16 48.23	−36 51.5	2.521	3.380	10.3	20.7
5 11	16 40.54	−37 36.0	2.445	3.373	8.0	20.5
5 21	16 31.08	−38 8.6	2.396	3.365	5.9	20.4
5 31	16 20.66	−38 26.8	2.373	3.357	5.0	20.3
6 10	16 10.29	−38 30.2	2.379	3.349	6.1	20.4
6 20	16 0.93	−38 20.7	2.412	3.340	8.3	20.5
6 30	15 53.42	−38 2.0	2.469	3.331	10.8	20.7
410363 2007 VG_{64}			5 28.7 82°.67		1°.2/29.2 17	
4 21	16 53.22	−25 46.7	1.502	2.332	17.4	21.1
5 1	16 48.57	−25 39.0	1.436	2.345	13.6	20.9
5 11	16 40.96	−25 22.1	1.390	2.357	9.2	20.7
5 21	16 31.24	−24 55.8	1.367	2.370	4.4	20.4
5 31	16 20.66	−24 21.2	1.370	2.383	1.5	20.3
6 10	16 10.66	−23 42.2	1.399	2.396	6.1	20.6
6 20	16 2.44	−23 3.5	1.453	2.408	10.6	20.9
6 30	15 56.85	−22 29.9	1.528	2.421	14.5	21.2
177073 2003 FY_{33}			5 28.7 126°.64		0°.7/28.4 18	
4 21	16 48.46	−20 14.9	2.614	3.425	11.4	22.1
5 1	16 43.60	−20 0.5	2.536	3.437	8.8	21.9
5 11	16 37.06	−19 43.3	2.483	3.449	5.8	21.7
5 21	16 29.37	−19 24.0	2.457	3.460	2.6	21.5
5 31	16 21.21	−19 3.9	2.459	3.472	1.1	21.4
6 10	16 13.32	−18 44.8	2.491	3.482	4.2	21.7
6 20	16 6.37	−18 28.4	2.550	3.493	7.3	21.9
6 30	16 0.88	−18 16.5	2.634	3.503	10.0	22.1
391681 2008 AK_{41}			5 28.7 154°.55		5°.3/26.6 18	
4 21	16 47.59	− 5 7.3	2.444	3.252	12.2	21.2
5 1	16 43.00	− 4 39.2	2.367	3.255	9.8	21.1
5 11	16 36.72	− 4 17.5	2.313	3.258	7.5	20.9
5 21	16 29.24	− 4 4.8	2.285	3.261	5.7	20.8
5 31	16 21.24	− 4 3.4	2.284	3.264	5.5	20.8
6 10	16 13.47	− 4 14.5	2.311	3.266	7.2	20.9
6 20	16 6.58	− 4 38.0	2.363	3.268	9.5	21.1
6 30	16 1.14	− 5 13.0	2.439	3.270	11.9	21.2
231327 2006 DE_{33}			5 28.7 60°.21		2°.1/27.9 17	
4 21	16 48.81	−17 45.2	1.837	2.669	14.6	20.6
5 1	16 44.62	−17 19.0	1.760	2.671	11.4	20.4
5 11	16 38.12	−16 50.5	1.704	2.674	7.6	20.1
5 21	16 29.95	−16 21.6	1.673	2.676	3.7	19.9
5 31	16 21.03	−15 54.7	1.669	2.679	2.5	19.8
6 10	16 12.44	−15 32.7	1.692	2.681	6.1	20.1
6 20	16 5.10	−15 17.8	1.739	2.684	9.9	20.3
6 30	15 59.75	−15 11.9	1.810	2.687	13.4	20.5
508744 2017 UH_{34}			5 28.7 252°.33		3°.0/27.5 17	
4 21	16 50.26	−16 23.3	1.867	2.696	14.6	22.1
5 1	16 45.88	−15 42.0	1.772	2.681	11.4	21.9
5 11	16 39.08	−14 57.9	1.699	2.666	7.8	21.6
5 21	16 30.44	−14 13.3	1.650	2.651	4.2	21.4
5 31	16 20.87	−13 31.6	1.629	2.635	3.4	21.3
6 10	16 11.44	−12 56.5	1.634	2.619	6.8	21.5
6 20	16 3.18	−12 31.2	1.665	2.603	10.8	21.7
6 30	15 56.93	−12 17.8	1.718	2.586	14.4	21.9
298327 2003 FK_{46}			5 28.7 92°.83		5°.5/30.9 18	
4 21	16 53.08	−37 8.4	2.327	3.100	13.7	20.5
5 1	16 47.92	−37 56.3	2.247	3.109	11.4	20.3
5 11	16 40.34	−38 33.1	2.190	3.117	8.8	20.2
5 21	16 30.96	−38 55.3	2.157	3.125	6.5	20.0
5 31	16 20.73	−39 0.8	2.150	3.133	5.5	20.0
6 10	16 10.76	−38 50.2	2.170	3.141	6.6	20.1
6 20	16 2.07	−38 26.4	2.217	3.148	8.8	20.2
6 30	15 55.46	−37 53.9	2.287	3.156	11.3	20.4
131276 2001 FV_{67}			5 28.7 312°.97		12°.5/20.6 18	
4 21	16 45.82	+ 8 9.1	1.885	2.676	15.9	19.2
5 1	16 42.18	+10 10.0	1.824	2.670	14.2	19.0
5 11	16 36.45	+11 56.3	1.783	2.665	13.0	18.9
5 21	16 29.20	+13 19.9	1.764	2.659	12.5	18.9
5 31	16 21.26	+14 14.2	1.768	2.654	13.1	18.9
6 10	16 13.57	+14 36.0	1.793	2.649	14.4	19.0
6 20	16 6.98	+14 25.9	1.837	2.645	16.1	19.1
6 30	16 2.19	+13 46.9	1.899	2.640	17.9	19.2
294567 2007 YK_{47}			5 28.7 106°.55		5°.6/26.7 17	
4 21	16 47.73	− 4 49.5	2.293	3.104	12.8	21.0
5 1	16 43.20	− 4 21.1	2.220	3.110	10.3	20.9
5 11	16 36.89	− 3 59.7	2.170	3.116	7.9	20.7
5 21	16 29.33	− 3 48.3	2.146	3.121	6.0	20.6
5 31	16 21.23	− 3 49.1	2.148	3.127	5.8	20.6
6 10	16 13.39	− 4 3.2	2.177	3.133	7.5	20.7
6 20	16 6.51	− 4 30.5	2.232	3.138	10.0	20.9
6 30	16 1.17	− 5 9.7	2.310	3.144	12.4	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
263621 2008 GE_{34}			5 28.7 154°.27		0°.7/28.9 17	
	h m	° ′			°	m
4 21	16 53.66	−24 3.6	1.947	2.761	14.6	22.6
5 1	16 48.34	−24 2.6	1.868	2.768	11.4	22.4
5 11	16 40.58	−23 55.8	1.810	2.774	7.7	22.2
5 21	16 31.05	−23 42.6	1.777	2.780	3.5	21.9
5 31	16 20.73	−23 23.8	1.773	2.786	1.1	21.7
6 10	16 10.77	−23 1.4	1.796	2.790	5.2	22.0
6 20	16 2.15	−22 38.5	1.845	2.794	9.2	22.3
6 30	15 55.65	−22 18.4	1.918	2.798	12.6	22.5
150973 2001 TO_{195}			5 28.7 143°.31		3°.6/27.8 17	
4 21	16 52.24	−11 48.8	1.900	2.722	14.6	20.3
5 1	16 47.14	−11 42.6	1.824	2.727	11.5	20.1
5 11	16 39.74	−11 40.5	1.770	2.732	8.0	19.9
5 21	16 30.67	−11 43.8	1.741	2.738	4.6	19.7
5 31	16 20.84	−11 54.2	1.739	2.742	3.8	19.6
6 10	16 11.31	−12 12.4	1.764	2.747	6.7	19.8
6 20	16 3.01	−12 38.8	1.816	2.751	10.2	20.0
6 30	15 56.69	−13 13.1	1.890	2.755	13.5	20.3
427962 2005 YD_{56}			5 28.7 295°.20		4°.4/30.7 18	
4 21	16 51.28	−34 18.0	1.665	2.474	16.9	20.4
5 1	16 47.52	−34 9.5	1.562	2.452	13.9	20.1
5 11	16 40.64	−33 44.1	1.478	2.429	10.3	19.8
5 21	16 31.29	−32 58.7	1.416	2.407	6.5	19.6
5 31	16 20.64	−31 52.6	1.380	2.384	4.4	19.4
6 10	16 10.18	−30 29.6	1.369	2.362	6.8	19.5
6 20	16 1.29	−28 56.7	1.384	2.340	11.0	19.6
6 30	15 55.06	−27 22.9	1.421	2.318	15.2	19.8
264965 2002 YF_{33}			5 28.7 234°.76		3°.0/30.1 18	
4 21	16 54.73	−31 15.7	2.183	2.975	13.9	20.9
5 1	16 49.31	−31 18.1	2.076	2.959	11.3	20.6
5 11	16 41.37	−31 9.9	1.992	2.943	8.1	20.4
5 21	16 31.49	−30 49.2	1.933	2.925	4.8	20.2
5 31	16 20.60	−30 15.4	1.901	2.907	3.0	20.0
6 10	16 9.85	−29 30.4	1.898	2.889	5.4	20.1
6 20	16 0.32	−28 38.4	1.922	2.869	9.0	20.3
6 30	15 52.88	−27 44.5	1.971	2.849	12.4	20.5
312913 2011 VV_{4}			5 28.7 273°.03		1°.2/28.2 16	
4 21	16 46.94	−18 54.4	2.328	3.149	12.3	21.5
5 1	16 42.77	−18 37.9	2.240	3.147	9.5	21.3
5 11	16 36.71	−18 19.0	2.176	3.144	6.3	21.1
5 21	16 29.30	−17 58.9	2.137	3.141	2.9	20.8
5 31	16 21.27	−17 39.0	2.127	3.138	1.6	20.7
6 10	16 13.43	−17 21.3	2.144	3.135	4.9	21.0
6 20	16 6.55	−17 7.8	2.188	3.132	8.2	21.2
6 30	16 1.25	−17 0.2	2.256	3.130	11.2	21.3
40898 1999 TP_{142}			5 28.7 193°.10		1°.3/28.3 18	
4 21	16 49.71	−18 51.5	1.877	2.705	14.5	19.1
5 1	16 45.35	−18 41.3	1.795	2.705	11.3	18.9
5 11	16 38.65	−18 29.0	1.736	2.705	7.5	18.7
5 21	16 30.23	−18 15.4	1.701	2.705	3.5	18.4
5 31	16 20.99	−18 2.0	1.693	2.704	1.8	18.3
6 10	16 12.03	−17 50.8	1.712	2.704	5.7	18.6
6 20	16 4.30	−17 44.0	1.756	2.704	9.6	18.8
6 30	15 58.57	−17 43.5	1.824	2.704	13.2	19.0
135091 2001 QV_{62}			5 28.7 241°.17		1°.4/28.1 18	
4 21	16 48.41	−18 20.0	2.514	3.329	11.7	20.6
5 1	16 43.83	−18 2.1	2.413	3.315	9.1	20.4
5 11	16 37.41	−17 42.1	2.336	3.302	6.1	20.2
5 21	16 29.63	−17 20.9	2.285	3.288	2.9	20.0
5 31	16 21.17	−17 0.0	2.263	3.273	1.7	19.9
6 10	16 12.82	−16 41.3	2.269	3.259	4.8	20.1
6 20	16 5.33	−16 26.8	2.303	3.243	8.1	20.2
6 30	15 59.33	−16 18.1	2.361	3.228	11.1	20.4
39446 3348 $T\text{-}_{3}$			5 28.7 312°.60		0°.4/28.9 18	
4 21	16 47.12	−23 18.8	2.097	2.920	13.4	18.7
5 1	16 43.29	−23 16.1	2.003	2.909	10.5	18.5
5 11	16 37.28	−23 8.5	1.931	2.898	7.0	18.3
5 21	16 29.63	−22 56.0	1.884	2.888	3.2	18.0
5 31	16 21.17	−22 39.2	1.864	2.877	0.9	17.8
6 10	16 12.87	−22 20.0	1.872	2.867	4.9	18.1
6 20	16 5.62	−22 1.0	1.905	2.857	8.7	18.3
6 30	16 0.19	−21 45.1	1.962	2.848	12.1	18.5
130419 2000 PP			5 28.7 174°.64		4°.0/27.2 17	
4 21	16 51.92	−14 38.4	1.598	2.432	16.3	20.4
5 1	16 47.34	−13 50.1	1.522	2.434	12.8	20.2
5 11	16 40.09	−13 0.8	1.468	2.435	8.8	20.0
5 21	16 30.89	−12 14.0	1.437	2.436	5.1	19.7
5 31	16 20.82	−11 33.8	1.433	2.436	4.4	19.7
6 10	16 11.12	−11 4.2	1.454	2.437	7.8	19.9
6 20	16 2.89	−10 47.9	1.500	2.436	11.9	20.1
6 30	15 56.97	−10 46.1	1.567	2.436	15.6	20.4

83941 2001 *WD* 5 28.7 273°.34 1°.8/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.95	−15 52.0	2.196	3.017	12.9	19.6
5 1	16 44.49	−15 55.0	2.104	3.009	10.1	19.4
5 11	16 37.98	−15 59.0	2.035	3.002	6.8	19.1
5 21	16 29.92	−16 4.7	1.992	2.994	3.3	18.9
5 31	16 21.09	−16 13.0	1.976	2.986	2.1	18.8
6 10	16 12.40	−16 24.7	1.989	2.979	5.3	19.0
6 20	16 4.68	−16 40.6	2.028	2.971	8.9	19.2
6 30	15 58.65	−17 1.6	2.091	2.963	12.0	19.4

268046 2004 QJ_{11} 5 28.7 287°.62 0°.6/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.82	−22 26.0	1.733	2.562	15.5	20.5
5 1	16 46.68	−22 40.2	1.642	2.551	12.2	20.2
5 11	16 39.84	−22 51.0	1.572	2.540	8.2	20.0
5 21	16 30.88	−22 57.3	1.526	2.530	3.8	19.7
5 31	16 20.80	−22 59.1	1.506	2.519	1.2	19.5
6 10	16 10.86	−22 57.4	1.513	2.509	5.8	19.8
6 20	16 2.22	−22 54.6	1.544	2.498	10.2	20.0
6 30	15 55.85	−22 53.6	1.599	2.488	14.2	20.2

446310 2014 FU_6 5 28.7 188°.80 13°.9/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 0.42	+ 9 31.6	1.373	2.156	21.1	20.4
5 1	16 54.32	+10 6.0	1.307	2.156	18.6	20.2
5 11	16 44.96	+10 14.5	1.257	2.155	16.1	20.0
5 21	16 33.14	+ 9 49.1	1.226	2.154	14.3	19.9
5 31	16 20.17	+ 8 44.9	1.218	2.153	14.0	19.9
6 10	16 7.61	+ 7 2.9	1.233	2.151	15.3	20.0
6 20	15 56.86	+ 4 49.7	1.270	2.148	17.8	20.1
6 30	15 48.95	+ 2 14.7	1.327	2.145	20.6	20.3

151888 2003 YV_{117} 5 28.7 56°.38 23°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.32	+26 23.6	1.120	1.855	27.5	18.4
5 1	16 52.19	+28 37.9	1.130	1.897	25.8	18.4
5 11	16 42.92	+30 1.9	1.152	1.938	24.5	18.5
5 21	16 31.87	+30 28.5	1.185	1.980	23.6	18.6
5 31	16 20.66	+29 56.4	1.232	2.022	23.3	18.7
6 10	16 10.84	+28 31.6	1.293	2.063	23.4	18.8
6 20	16 3.43	+26 24.5	1.366	2.104	23.8	19.0
6 30	15 58.99	+23 47.4	1.453	2.144	24.4	19.2

152625 1996 XQ_{23} 5 28.7 209°.26 1°.9/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.15	−29 13.2	2.522	3.321	12.1	20.7
5 1	16 44.46	−29 5.9	2.428	3.317	9.6	20.6
5 11	16 37.83	−28 50.3	2.358	3.314	6.7	20.4
5 21	16 29.81	−28 25.7	2.313	3.310	3.6	20.2
5 31	16 21.15	−27 52.8	2.297	3.306	2.0	20.0
6 10	16 12.73	−27 13.6	2.309	3.302	4.4	20.2
6 20	16 5.31	−26 31.2	2.348	3.297	7.5	20.4
6 30	15 59.54	−25 49.1	2.413	3.292	10.4	20.6

165332 2000 *VS* 5 28.7 50°.36 1°.2/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.95	−20 36.5	1.310	2.158	18.5	20.0
5 1	16 47.11	−20 14.2	1.247	2.167	14.3	19.8
5 11	16 40.16	−19 46.7	1.204	2.178	9.5	19.5
5 21	16 30.96	−19 15.6	1.183	2.188	4.3	19.2
5 31	16 20.84	−18 43.5	1.186	2.199	1.9	19.1
6 10	16 11.29	−18 14.6	1.214	2.210	7.0	19.5
6 20	16 3.57	−17 52.5	1.265	2.221	11.8	19.8
6 30	15 58.59	−17 40.4	1.337	2.233	16.0	20.0

442064 2010 RU_{134} 5 28.7 328°.95 7°.0/25.4 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 42.80	− 8 39.0	1.637	2.483	15.5	20.7
5 1	16 40.41	− 7 26.8	1.544	2.457	12.5	20.4
5 11	16 35.64	− 6 16.0	1.472	2.432	9.5	20.2
5 21	16 29.00	− 5 12.5	1.424	2.408	7.3	20.0
5 31	16 21.37	− 4 22.3	1.399	2.385	7.4	20.0
6 10	16 13.82	− 3 50.7	1.399	2.363	10.1	20.0
6 20	16 7.39	− 3 40.2	1.421	2.341	13.5	20.2
6 30	16 2.95	− 3 51.5	1.462	2.321	17.0	20.4

478286 2011 WX_5 5 28.7 245°.32 0°.6/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.48	−21 10.8	2.478	3.294	11.8	21.9
5 1	16 43.13	−20 49.9	2.381	3.284	9.2	21.7
5 11	16 36.95	−20 24.8	2.308	3.275	6.1	21.5
5 21	16 29.43	−19 56.5	2.261	3.265	2.7	21.2
5 31	16 21.27	−19 26.4	2.243	3.255	1.1	21.1
6 10	16 13.28	−18 56.7	2.253	3.245	4.5	21.3
6 20	16 6.18	−18 29.8	2.290	3.235	7.9	21.5
6 30	16 0.61	−18 8.1	2.352	3.225	10.9	21.7

215990 2005 SN_{119} 5 28.8 272°.66 8°.0/23.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.70	+ 1 6.5	2.447	3.245	12.5	20.3
5 1	16 41.71	+ 2 18.6	2.357	3.226	10.6	20.2
5 11	16 36.00	+ 3 23.2	2.289	3.206	9.0	20.0
5 21	16 29.03	+ 4 15.5	2.247	3.187	8.0	19.9
5 31	16 21.40	+ 4 51.1	2.230	3.167	8.3	19.9
6 10	16 13.88	+ 5 7.3	2.238	3.147	9.8	20.0
6 20	16 7.14	+ 5 3.4	2.270	3.127	11.7	20.1
6 30	16 1.79	+ 4 40.2	2.322	3.107	13.8	20.2

474294 2001 XC_1 5 28.8 100°.24 13°.8/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	17 14.99	+11 38.1	1.150	1.915	25.4	21.6
5 1	17 5.66	+11 13.6	1.099	1.940	21.9	21.4
5 11	16 52.37	+10 12.6	1.063	1.964	18.2	21.2
5 21	16 36.32	+ 8 29.0	1.048	1.987	15.1	21.1
5 31	16 19.36	+ 6 3.5	1.058	2.010	13.8	21.1
6 10	16 3.54	+ 3 5.2	1.093	2.031	15.0	21.3
6 20	15 50.50	− 0 11.5	1.154	2.052	17.8	21.5
6 30	15 41.18	− 3 33.0	1.238	2.072	20.9	21.8

20622 1999 TQ_{11} 5 28.8 229°.24 1°.3/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.35	−17 35.8	2.747	3.560	10.8	18.8
5 1	16 42.83	−17 28.0	2.651	3.552	8.4	18.7
5 11	16 36.66	−17 19.2	2.578	3.543	5.6	18.5
5 21	16 29.30	−17 10.3	2.532	3.535	2.7	18.2
5 31	16 21.34	−17 2.1	2.515	3.526	1.6	18.1
6 10	16 13.51	−16 56.1	2.527	3.517	4.4	18.3
6 20	16 6.46	−16 53.5	2.567	3.507	7.4	18.5
6 30	16 0.75	−16 55.5	2.632	3.497	10.1	18.7

289649 2005 GS_{109} 5 28.8 255°.73 0°.3/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.13	−21 6.6	2.157	2.977	13.2	21.5
5 1	16 44.73	−21 3.8	2.064	2.969	10.3	21.3
5 11	16 38.19	−20 57.8	1.994	2.961	6.9	21.1
5 21	16 30.06	−20 48.7	1.949	2.953	3.1	20.8
5 31	16 21.12	−20 37.4	1.931	2.944	1.0	20.6
6 10	16 12.34	−20 25.4	1.942	2.936	4.9	20.9
6 20	16 4.61	−20 15.0	1.979	2.927	8.7	21.1
6 30	15 58.66	−20 8.3	2.040	2.919	12.0	21.3

183534 2003 GU_{38} 5 28.8 197°.16 4°.2/26.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.39	− 9 47.8	2.503	3.319	11.7	20.8
5 1	16 42.11	− 9 7.0	2.420	3.318	9.2	20.6
5 11	16 36.18	− 8 28.8	2.361	3.317	6.7	20.5
5 21	16 29.07	− 7 55.7	2.327	3.315	4.6	20.3
5 31	16 21.43	− 7 30.4	2.322	3.313	4.4	20.3
6 10	16 13.98	− 7 15.1	2.344	3.311	6.4	20.4
6 20	16 7.39	− 7 10.7	2.392	3.308	9.0	20.6
6 30	16 2.21	− 7 17.7	2.464	3.306	11.5	20.8

354496 2004 JT_9 5 28.8 205°.26 1°.1/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.40	−17 34.4	2.532	3.345	11.7	21.3
5 1	16 44.55	−17 39.3	2.441	3.341	9.1	21.1
5 11	16 37.87	−17 43.9	2.373	3.338	6.0	20.9
5 21	16 29.87	−17 48.7	2.331	3.334	2.8	20.6
5 31	16 21.21	−17 54.0	2.319	3.330	1.5	20.5
6 10	16 12.69	−18 0.9	2.335	3.326	4.6	20.7
6 20	16 5.05	−18 10.2	2.379	3.321	7.8	20.9
6 30	15 58.91	−18 23.0	2.448	3.316	10.6	21.1

282313 2002 TO_{112} 5 28.8 335°.65 2°.5/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.41	−29 51.7	1.424	2.265	17.6	19.3
5 1	16 42.39	−29 31.4	1.333	2.246	14.1	19.0
5 11	16 37.33	−28 55.5	1.260	2.228	9.9	18.7
5 21	16 29.88	−28 2.7	1.210	2.210	5.3	18.4
5 31	16 21.19	−26 54.7	1.183	2.194	2.6	18.2
6 10	16 12.75	−25 36.6	1.180	2.179	6.5	18.3
6 20	16 5.90	−24 15.8	1.201	2.166	11.4	18.6
6 30	16 1.70	−23 0.3	1.243	2.153	15.9	18.8

97029 1999 TT_{323} 5 28.8 281°.96 5°.3/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.22	−36 37.9	1.923	2.713	15.6	19.4
5 1	16 47.90	−36 49.4	1.822	2.696	13.0	19.2
5 11	16 40.72	−36 46.0	1.741	2.679	9.9	19.0
5 21	16 31.32	−36 24.4	1.683	2.662	6.9	18.8
5 31	16 20.78	−35 42.9	1.650	2.645	5.3	18.6
6 10	16 10.44	−34 43.6	1.644	2.628	6.9	18.7
6 20	16 1.56	−33 31.6	1.664	2.611	10.1	18.8
6 30	15 55.11	−32 14.4	1.707	2.594	13.5	19.0

179478 2002 BM_{30} 5 28.8 50°.48 3°.5/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.43	− 8 36.7	1.992	2.803	14.4	19.3
5 1	16 48.62	− 9 12.4	1.926	2.822	11.4	19.2
5 11	16 40.62	− 9 56.2	1.884	2.841	7.9	19.0
5 21	16 31.07	−10 48.0	1.867	2.861	4.7	18.8
5 31	16 20.89	−11 47.2	1.878	2.881	3.7	18.8
6 10	16 11.08	−12 52.2	1.919	2.901	6.2	19.0
6 20	16 2.51	−14 1.1	1.986	2.922	9.5	19.2
6 30	15 55.88	−15 12.5	2.079	2.942	12.5	19.5

129080 2004 VM_{73} 5 28.8 134°.67 5°.0/25.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.14	− 4 23.8	2.926	3.729	10.5	20.2
5 1	16 40.84	− 3 43.8	2.854	3.737	8.5	20.0
5 11	16 35.19	− 3 9.3	2.805	3.744	6.6	19.9
5 21	16 28.60	− 2 42.7	2.783	3.752	5.2	19.8
5 31	16 21.62	− 2 26.3	2.788	3.759	5.2	19.8
6 10	16 14.85	− 2 21.5	2.821	3.766	6.6	19.9
6 20	16 8.80	− 2 28.5	2.880	3.772	8.5	20.1
6 30	16 3.94	− 2 46.9	2.963	3.779	10.4	20.2

301351 2009 CR_{14} 5 28.8 319°.50 0°.5/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 48.61	−23 29.8	2.028	2.850	13.8	21.0
5 1	16 44.47	−23 28.3	1.941	2.847	10.8	20.8
5 11	16 38.08	−23 21.6	1.877	2.844	7.2	20.6
5 21	16 30.03	−23 9.6	1.837	2.841	3.3	20.3
5 31	16 21.19	−22 53.1	1.825	2.838	1.0	20.1
6 10	16 12.58	−22 34.1	1.840	2.835	5.0	20.4
6 20	16 5.12	−22 15.1	1.881	2.833	8.8	20.6
6 30	15 59.57	−21 59.1	1.945	2.830	12.2	20.8

302265 2001 XB_{138} 5 28.8 139°.33 0°.5/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.02	−22 32.9	1.733	2.554	15.9	22.1
5 1	16 49.55	−22 4.3	1.660	2.565	12.3	21.9
5 11	16 41.45	−21 28.9	1.609	2.576	8.2	21.7
5 21	16 31.49	−20 47.7	1.583	2.587	3.6	21.4
5 31	16 20.79	−20 3.1	1.583	2.596	1.3	21.2
6 10	16 10.59	−19 19.0	1.612	2.605	5.8	21.6
6 20	16 1.94	−18 39.5	1.666	2.614	10.1	21.8
6 30	15 55.62	−18 8.2	1.743	2.621	13.8	22.1

403553 2010 JR_{72} 5 28.8 322°.59 7°.6/26.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.41	− 8 7.4	1.292	2.141	18.6	20.7
5 1	16 46.00	− 7 10.2	1.222	2.136	15.0	20.4
5 11	16 39.56	− 6 18.9	1.170	2.132	11.2	20.2
5 21	16 30.82	− 5 39.6	1.140	2.127	8.1	20.0
5 31	16 20.96	− 5 18.1	1.132	2.123	7.9	20.0
6 10	16 11.44	− 5 18.2	1.148	2.119	10.9	20.1
6 20	16 3.53	− 5 40.4	1.185	2.116	14.8	20.3
6 30	15 58.24	− 6 23.0	1.242	2.113	18.6	20.5

250910 2005 WC_{4} 5 28.8 284°.97 1°.3/28.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.96	−20 15.3	2.313	3.134	12.4	20.5
5 1	16 42.95	−19 39.3	2.207	3.114	9.6	20.3
5 11	16 36.98	−18 58.3	2.125	3.093	6.5	20.1
5 21	16 29.54	−18 13.6	2.069	3.073	3.0	19.8
5 31	16 21.35	−17 27.7	2.041	3.052	1.7	19.7
6 10	16 13.27	−16 43.5	2.041	3.032	5.1	19.9
6 20	16 6.10	−16 4.2	2.068	3.011	8.7	20.1
6 30	16 0.53	−15 32.7	2.118	2.990	11.9	20.2

427893 2005 TA_{80} 5 28.8 131°.17 4°.9/30.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.73	−32 10.1	1.768	2.572	16.3	21.9
5 1	16 49.90	−32 59.3	1.688	2.574	13.2	21.7
5 11	16 42.08	−33 39.0	1.627	2.576	9.7	21.4
5 21	16 31.95	−34 4.9	1.591	2.577	6.4	21.3
5 31	16 20.65	−34 14.3	1.580	2.579	4.9	21.2
6 10	16 9.62	−34 7.6	1.595	2.580	6.9	21.3
6 20	16 0.15	−33 48.2	1.636	2.582	10.3	21.5
6 30	15 53.26	−33 21.5	1.699	2.583	13.7	21.7

427895 2005 UN_{20} 5 28.8 168°.26 3°.0/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.92	−29 36.1	2.383	3.171	13.0	22.3
5 1	16 49.91	−30 11.0	2.296	3.176	10.4	22.1
5 11	16 41.60	−30 39.1	2.231	3.181	7.4	21.9
5 21	16 31.60	−30 57.9	2.193	3.185	4.4	21.7
5 31	16 20.77	−31 6.0	2.183	3.188	3.0	21.6
6 10	16 10.14	−31 3.9	2.203	3.190	5.1	21.8
6 20	16 0.67	−30 53.7	2.250	3.192	8.1	22.0
6 30	15 53.11	−30 39.1	2.322	3.193	11.0	22.1

355587 2008 CE_{128} 5 28.8 248°.59 4°.2/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.62	−34 27.4	2.370	3.155	13.2	21.0
5 1	16 45.97	−34 47.7	2.276	3.150	10.7	20.9
5 11	16 39.07	−34 57.6	2.204	3.144	8.0	20.7
5 21	16 30.49	−34 54.8	2.156	3.138	5.4	20.5
5 31	16 21.09	−34 38.2	2.136	3.132	4.2	20.4
6 10	16 11.90	−34 9.1	2.143	3.126	5.6	20.5
6 20	16 3.84	−33 30.7	2.177	3.120	8.3	20.6
6 30	15 57.67	−32 47.4	2.235	3.114	11.1	20.8

91705 1999 TR_{145} 5 28.8 123°.11 1°.5/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.09	−26 44.5	2.565	3.368	11.8	19.6
5 1	16 44.33	−26 54.1	2.482	3.375	9.3	19.4
5 11	16 37.73	−26 57.9	2.423	3.382	6.3	19.3
5 21	16 29.81	−26 55.2	2.390	3.389	3.3	19.1
5 31	16 21.31	−26 46.1	2.385	3.395	1.6	19.0
6 10	16 13.05	−26 31.9	2.408	3.402	4.2	19.1
6 20	16 5.76	−26 14.8	2.460	3.408	7.2	19.3
6 30	16 0.05	−25 57.2	2.536	3.414	10.0	19.5

82505 2001 OD_{47} 5 28.8 261°.74 4°.6/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.13	−33 41.7	1.763	2.566	16.3	19.2
5 1	16 48.73	−33 55.5	1.670	2.556	13.3	18.9
5 11	16 41.34	−33 56.0	1.597	2.545	9.9	18.7
5 21	16 31.64	−33 39.8	1.547	2.535	6.4	18.5
5 31	16 20.76	−33 5.9	1.522	2.524	4.6	18.3
6 10	16 10.13	−32 16.2	1.524	2.513	6.7	18.4
6 20	16 1.05	−31 16.1	1.550	2.502	10.4	18.6
6 30	15 54.53	−30 12.6	1.600	2.491	14.1	18.8

429640 2011 FT_{134} 5 28.8 174°.75 3°.0/29.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.58	−29 50.5	2.051	2.852	14.4	21.6
5 1	16 48.43	−30 7.8	1.965	2.854	11.5	21.5
5 11	16 40.77	−30 16.3	1.901	2.856	8.2	21.2
5 21	16 31.26	−30 14.0	1.862	2.857	4.7	21.0
5 31	16 20.88	−30 0.1	1.851	2.857	3.0	20.9
6 10	16 10.78	−29 36.2	1.866	2.858	5.4	21.1
6 20	16 2.00	−29 5.7	1.909	2.857	8.9	21.3
6 30	15 55.35	−28 33.1	1.975	2.857	12.2	21.5

21747 Justsolomon 5 28.8 146°.28 0°.8/28.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.90	−20 26.9	2.338	3.151	12.5	19.8
5 1	16 45.73	−20 9.4	2.259	3.160	9.7	19.6
5 11	16 38.64	−19 48.5	2.203	3.169	6.4	19.4
5 21	16 30.21	−19 25.0	2.174	3.178	2.9	19.2
5 31	16 21.21	−19 0.3	2.173	3.186	1.2	19.1
6 10	16 12.51	−18 36.6	2.201	3.193	4.7	19.3
6 20	16 4.87	−18 16.2	2.257	3.200	8.1	19.6
6 30	15 58.92	−18 1.0	2.337	3.206	11.0	19.8

146222 2000 WX_{3} 5 28.8 95°.12 2°.5/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.00	−32 25.1	2.529	3.316	12.4	19.8
5 1	16 45.70	−32 3.9	2.455	3.335	9.9	19.6
5 11	16 38.52	−31 32.0	2.404	3.353	7.0	19.5
5 21	16 30.11	−30 49.0	2.380	3.372	4.1	19.3
5 31	16 21.26	−29 56.3	2.383	3.390	2.5	19.2
6 10	16 12.86	−28 56.8	2.416	3.407	4.4	19.4
6 20	16 5.63	−27 54.5	2.477	3.425	7.2	19.6
6 30	16 0.12	−26 53.5	2.563	3.442	9.9	19.8

501741 2014 UF_{106} 5 28.8 176°.68 0°.1/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.80	−23 31.9	1.671	2.497	16.1	22.2
5 1	16 48.13	−23 14.1	1.591	2.498	12.6	21.9
5 11	16 40.72	−22 49.0	1.531	2.499	8.4	21.7
5 21	16 31.27	−22 16.8	1.496	2.500	3.8	21.4
5 31	16 20.90	−21 39.5	1.487	2.500	1.1	21.2
6 10	16 10.90	−21 0.3	1.504	2.500	5.9	21.5
6 20	16 2.40	−20 23.7	1.547	2.500	10.4	21.8
6 30	15 56.29	−19 53.5	1.613	2.499	14.3	22.0

239903 2000 SF_{129} 5 28.8 257°.06 0°.8/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.04	−26 36.6	4.440	5.235	7.3	20.3
5 1	16 37.43	−26 30.2	4.344	5.233	5.7	20.1
5 11	16 32.84	−26 19.9	4.273	5.231	3.9	20.0
5 21	16 27.57	−26 5.8	4.229	5.229	1.9	19.9
5 31	16 22.00	−25 48.5	4.215	5.227	0.9	19.8
6 10	16 16.53	−25 28.9	4.231	5.224	2.5	19.9
6 20	16 11.55	−25 8.2	4.275	5.222	4.5	20.0
6 30	16 7.39	−24 47.6	4.346	5.220	6.3	20.2

244925 2003 WH_{183} 5 28.8 225°.97 1°.9/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.83	−17 41.8	2.144	2.966	13.1	21.5
5 1	16 44.42	−17 16.1	2.055	2.962	10.2	21.3
5 11	16 37.96	−16 48.2	1.989	2.957	6.9	21.1
5 21	16 29.99	−16 19.6	1.949	2.951	3.4	20.8
5 31	16 21.30	−15 52.5	1.937	2.946	2.3	20.7
6 10	16 12.82	−15 29.3	1.952	2.940	5.5	20.9
6 20	16 5.39	−15 12.2	1.993	2.935	9.1	21.1
6 30	15 59.69	−15 3.2	2.058	2.929	12.3	21.3

138129 2000 EH_{17} 5 28.8 109°.20 2°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.29	−17 56.9	1.766	2.593	15.3	20.5
5 1	16 47.30	−17 25.0	1.698	2.607	11.9	20.4
5 11	16 39.90	−16 50.5	1.653	2.621	7.9	20.1
5 21	16 30.82	−16 15.6	1.632	2.635	3.8	19.9
5 31	16 21.08	−15 42.9	1.638	2.648	2.6	19.9
6 10	16 11.81	−15 15.5	1.672	2.661	6.2	20.1
6 20	16 3.96	−14 56.1	1.730	2.673	10.1	20.4
6 30	15 58.24	−14 46.4	1.812	2.685	13.5	20.6

502178 2015 BS_{61} 5 28.8 247°.94 1°.6/28.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.31	−17 39.9	1.842	2.667	14.9	21.9
5 1	16 47.65	−17 35.2	1.746	2.654	11.7	21.6
5 11	16 40.43	−17 29.6	1.672	2.640	7.9	21.4
5 21	16 31.21	−17 23.8	1.623	2.626	3.7	21.1
5 31	16 20.92	−17 19.1	1.601	2.612	2.1	20.9
6 10	16 10.74	−17 17.0	1.605	2.597	6.1	21.2
6 20	16 1.74	−17 19.4	1.636	2.582	10.4	21.4
6 30	15 54.84	−17 28.2	1.689	2.566	14.2	21.6

180734 2004 JE_{44} 5 28.8 336°.30 4°.2/27.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 45.14	−12 32.9	1.774	2.614	14.7	19.3
5 1	16 41.99	−11 57.3	1.689	2.603	11.6	19.0
5 11	16 36.56	−11 23.2	1.626	2.593	8.2	18.8
5 21	16 29.43	−10 53.8	1.587	2.583	5.0	18.6
5 31	16 21.46	−10 32.4	1.573	2.574	4.6	18.5
6 10	16 13.67	−10 21.7	1.585	2.566	7.4	18.7
6 20	16 7.03	−10 23.6	1.621	2.558	11.1	18.9
6 30	16 2.30	−10 38.3	1.678	2.551	14.5	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
98623 2000 WK_{90}			5 28.8 326.°68		0.°1/28.8 18	
	h m	° ′			°	m
4 21	16 50.98	−18 15.9	1.471	2.312	17.1	18.1
5 1	16 47.42	−19 2.3	1.380	2.296	13.5	17.8
5 11	16 40.75	−19 52.6	1.309	2.281	9.1	17.5
5 21	16 31.53	−20 45.5	1.262	2.266	4.1	17.2
5 31	16 20.81	−21 38.7	1.239	2.252	1.2	16.9
6 10	16 10.06	−22 30.6	1.242	2.239	6.6	17.2
6 20	16 0.71	−23 20.3	1.270	2.227	11.6	17.5
6 30	15 53.95	−24 8.8	1.318	2.216	16.1	17.7
5039 Rosenkavalier			5 28.8 344.°65		1.°9/28.3 18	
4 21	16 49.15	−15 35.6	2.034	2.859	13.7	16.9
5 1	16 44.80	−15 43.9	1.950	2.857	10.7	16.7
5 11	16 38.29	−15 53.8	1.888	2.855	7.2	16.5
5 21	16 30.17	−16 6.0	1.851	2.854	3.5	16.3
5 31	16 21.26	−16 21.1	1.842	2.852	2.2	16.2
6 10	16 12.53	−16 39.7	1.860	2.851	5.5	16.4
6 20	16 4.88	−17 2.3	1.904	2.850	9.2	16.6
6 30	15 59.05	−17 29.6	1.972	2.849	12.5	16.8
437452 2013 YZ_{12}			5 28.8 84.°60		0.°1/28.8 17	
4 21	16 51.33	−21 20.5	1.905	2.728	14.5	21.3
5 1	16 46.57	−21 28.7	1.832	2.738	11.3	21.1
5 11	16 39.47	−21 33.8	1.781	2.749	7.5	20.9
5 21	16 30.67	−21 35.6	1.755	2.759	3.4	20.7
5 31	16 21.13	−21 34.4	1.757	2.770	1.0	20.5
6 10	16 11.94	−21 31.6	1.785	2.780	5.2	20.8
6 20	16 4.04	−21 29.2	1.840	2.791	9.1	21.1
6 30	15 58.19	−21 29.5	1.918	2.801	12.5	21.3
499657 2010 VK_{105}			5 28.8 154.°86		1.°1/28.4 17	
4 21	16 53.00	−19 29.4	1.915	2.736	14.6	22.5
5 1	16 47.83	−19 17.4	1.837	2.742	11.3	22.3
5 11	16 40.29	−19 2.6	1.781	2.748	7.5	22.1
5 21	16 31.04	−18 45.6	1.749	2.753	3.4	21.8
5 31	16 21.02	−18 28.0	1.746	2.758	1.6	21.7
6 10	16 11.34	−18 12.0	1.770	2.762	5.6	22.0
6 20	16 2.95	−17 59.8	1.820	2.766	9.5	22.2
6 30	15 56.62	−17 53.8	1.894	2.769	13.0	22.5
224846 2006 XB_{49}			5 28.8 21.°43		3.°4/27.9 17	
4 21	16 47.73	−15 1.9	1.257	2.115	18.5	19.7
5 1	16 44.70	−14 47.0	1.197	2.122	14.4	19.4
5 11	16 38.66	−14 33.8	1.156	2.130	9.8	19.2
5 21	16 30.41	−14 24.8	1.137	2.140	5.1	19.0
5 31	16 21.21	−14 22.6	1.142	2.150	3.8	18.9
6 10	16 12.52	−14 29.1	1.170	2.162	7.8	19.2
6 20	16 5.56	−14 45.5	1.220	2.174	12.3	19.5
6 30	16 1.22	−15 12.0	1.291	2.187	16.4	19.7
503867 1999 VS_{84}			5 28.8 231.°34		0.°4/28.6 17	
4 21	16 50.05	−21 46.0	2.174	2.991	13.2	22.5
5 1	16 45.44	−21 29.8	2.079	2.983	10.3	22.3
5 11	16 38.69	−21 8.8	2.008	2.974	6.9	22.1
5 21	16 30.34	−20 43.7	1.961	2.965	3.1	21.8
5 31	16 21.21	−20 15.8	1.943	2.956	1.1	21.7
6 10	16 12.26	−19 47.4	1.952	2.946	5.0	21.9
6 20	16 4.38	−19 21.5	1.989	2.936	8.7	22.1
6 30	15 58.28	−19 0.6	2.049	2.925	12.1	22.3
514541 2017 BZ_{96}			5 28.8 62.°90		0.°7/28.3 18	
4 21	16 41.59	−18 8.6	4.123	4.932	7.6	21.4
5 1	16 37.84	−18 7.9	4.044	4.943	5.8	21.3
5 11	16 33.10	−18 6.6	3.990	4.955	3.8	21.1
5 21	16 27.69	−18 5.0	3.964	4.967	1.8	21.0
5 31	16 22.00	−18 3.9	3.967	4.979	0.9	20.9
6 10	16 16.43	−18 3.8	4.000	4.991	2.9	21.1
6 20	16 11.37	−18 5.5	4.062	5.002	4.9	21.3
6 30	16 7.15	−18 9.6	4.149	5.014	6.7	21.4
344639 2003 QK_{11}			5 28.8 322.°00		13.°9/31.6 18	
4 21	16 53.16	−48 22.7	1.514	2.277	20.3	19.9
5 1	16 50.88	−50 6.8	1.419	2.249	18.4	19.7
5 11	16 44.19	−51 33.5	1.340	2.223	16.3	19.4
5 21	16 33.49	−52 32.1	1.279	2.197	14.7	19.3
5 31	16 20.19	−52 52.9	1.239	2.171	13.9	19.1
6 10	16 6.64	−52 31.7	1.218	2.147	14.6	19.1
6 20	15 55.29	−51 31.6	1.217	2.123	16.5	19.1
6 30	15 48.05	−50 2.7	1.234	2.100	19.0	19.2
435270 2007 TM_{246}			5 28.8 251.°37		2.°8/29.5 17	
4 21	16 52.66	−27 38.5	2.164	2.968	13.7	20.9
5 1	16 47.75	−28 18.8	2.068	2.960	10.9	20.7
5 11	16 40.41	−28 54.0	1.995	2.952	7.7	20.5
5 21	16 31.19	−29 21.7	1.948	2.943	4.4	20.3
5 31	16 20.96	−29 40.2	1.928	2.935	2.8	20.2
6 10	16 10.81	−29 49.3	1.936	2.926	5.3	20.3
6 20	16 1.76	−29 50.7	1.970	2.918	8.8	20.5
6 30	15 54.68	−29 47.5	2.029	2.909	12.0	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
497214 2004 VZ_{77}			5 28.8 170.°91		0.°1/28.8 18	
	h m	° ′			°	m
4 21	16 52.36	−21 33.4	2.608	3.411	11.6	22.2
5 1	16 46.78	−21 40.5	2.520	3.415	9.1	22.0
5 11	16 39.34	−21 44.9	2.456	3.419	6.0	21.8
5 21	16 30.56	−21 46.2	2.419	3.422	2.7	21.6
5 31	16 21.17	−21 44.7	2.412	3.425	0.8	21.4
6 10	16 11.97	−21 41.5	2.433	3.426	4.2	21.7
6 20	16 3.71	−21 38.0	2.484	3.428	7.4	21.9
6 30	15 57.02	−21 36.0	2.559	3.428	10.2	22.1
381415 2008 KY_{7}			5 28.8 299.°53		1.°1/27.9 18	
4 21	16 40.34	−16 55.6	4.245	5.055	7.4	21.5
5 1	16 36.90	−16 42.6	4.151	5.051	5.7	21.4
5 11	16 32.50	−16 29.2	4.082	5.047	3.8	21.2
5 21	16 27.44	−16 15.9	4.042	5.043	1.9	21.1
5 31	16 22.07	−16 3.7	4.030	5.039	1.3	21.0
6 10	16 16.79	−15 53.6	4.048	5.035	3.0	21.2
6 20	16 11.98	−15 46.2	4.094	5.031	5.0	21.3
6 30	16 7.95	−15 42.5	4.167	5.027	6.8	21.4
272528 2005 UF_{276}			5 28.8 153.°01		2.°1/29.5 17	
4 21	16 53.91	−27 11.5	2.051	2.857	14.2	21.9
5 1	16 48.60	−27 30.8	1.970	2.863	11.3	21.8
5 11	16 40.85	−27 43.3	1.910	2.869	7.8	21.5
5 21	16 31.32	−27 47.4	1.876	2.874	4.1	21.3
5 31	16 20.95	−27 42.4	1.869	2.879	2.2	21.2
6 10	16 10.88	−27 29.6	1.890	2.883	5.2	21.4
6 20	16 2.10	−27 12.0	1.938	2.887	8.8	21.6
6 30	15 55.41	−26 53.0	2.010	2.891	12.1	21.8
477601 2010 KH_{17}			5 28.8 236.°81		1.°6/27.7 18	
4 21	16 47.35	−19 28.3	2.562	3.378	11.5	21.5
5 1	16 42.93	−18 37.8	2.466	3.369	8.9	21.3
5 11	16 36.79	−17 42.7	2.395	3.361	5.9	21.1
5 21	16 29.42	−16 44.9	2.350	3.352	2.9	20.9
5 31	16 21.50	−15 47.1	2.334	3.343	2.0	20.8
6 10	16 13.77	−14 52.6	2.348	3.334	4.9	21.0
6 20	16 6.93	−14 4.4	2.389	3.325	8.0	21.2
6 30	16 1.53	−13 25.0	2.454	3.316	10.9	21.3
492292 2013 YA_{103}			5 28.8 168.°35		0.°1/28.8 17	
4 21	16 51.29	−22 50.2	2.281	3.092	12.8	22.9
5 1	16 46.21	−22 41.9	2.196	3.096	10.0	22.7
5 11	16 39.07	−22 29.0	2.134	3.099	6.7	22.5
5 21	16 30.47	−22 11.4	2.098	3.102	3.0	22.3
5 31	16 21.20	−21 50.3	2.091	3.104	0.8	22.1
6 10	16 12.20	−21 27.5	2.112	3.106	4.6	22.4
6 20	16 4.28	−21 5.5	2.160	3.107	8.2	22.6
6 30	15 58.12	−20 47.1	2.233	3.108	11.3	22.8
37829 1998 BQ_{33}			5 28.8 315.°91		1.°0/28.6 18	
4 21	16 49.33	−19 0.1	1.299	2.151	18.3	17.5
5 1	16 46.43	−19 9.8	1.212	2.135	14.5	17.2
5 11	16 40.23	−19 18.9	1.145	2.119	9.8	16.9
5 21	16 31.33	−19 27.4	1.098	2.103	4.5	16.5
5 31	16 20.90	−19 35.9	1.076	2.089	1.7	16.3
6 10	16 10.53	−19 45.7	1.077	2.074	7.3	16.6
6 20	16 1.74	−19 58.6	1.101	2.060	12.7	16.8
6 30	15 55.79	−20 17.1	1.144	2.048	17.5	17.1
522900 2016 PT_{104}			5 28.8 208.°15		4.°4/30.9 18	
4 21	16 53.02	−36 57.0	2.858	3.619	11.7	22.8
5 1	16 47.52	−37 22.9	2.758	3.613	9.7	22.6
5 11	16 39.97	−37 38.8	2.680	3.606	7.4	22.5
5 21	16 30.90	−37 42.3	2.628	3.598	5.4	22.3
5 31	16 21.07	−37 32.1	2.604	3.590	4.4	22.2
6 10	16 11.40	−37 8.9	2.608	3.582	5.4	22.3
6 20	16 2.71	−36 35.2	2.640	3.573	7.5	22.4
6 30	15 55.71	−35 54.8	2.698	3.563	9.9	22.6
387141 2012 TD_{201}			5 28.8 161.°05		1.°6/29.3 17	
4 21	16 51.19	−25 30.7	2.044	2.858	14.0	21.2
5 1	16 46.51	−25 47.2	1.960	2.859	11.0	21.0
5 11	16 39.49	−25 58.1	1.898	2.860	7.5	20.8
5 21	16 30.72	−26 2.3	1.860	2.861	3.8	20.6
5 31	16 21.13	−25 59.4	1.850	2.862	1.7	20.4
6 10	16 11.77	−25 50.7	1.868	2.863	5.0	20.7
6 20	16 3.62	−25 38.6	1.912	2.863	8.8	20.9
6 30	15 57.46	−25 26.2	1.980	2.864	12.1	21.1
119413 2001 TF_{78}			5 28.8 166.°88		1.°3/28.2 18	
4 21	16 51.74	−19 0.7	2.338	3.149	12.5	21.1
5 1	16 46.41	−18 37.0	2.254	3.155	9.7	20.9
5 11	16 39.14	−18 10.5	2.194	3.159	6.5	20.7
5 21	16 30.48	−17 42.2	2.161	3.164	3.0	20.5
5 31	16 21.23	−17 14.0	2.156	3.167	1.7	20.4
6 10	16 12.25	−16 48.1	2.180	3.170	5.0	20.6
6 20	16 4.32	−16 26.8	2.232	3.172	8.3	20.8
6 30	15 58.08	−16 12.0	2.308	3.173	11.3	21.0

80113 1999 RL_{78} 5 28.8 165°.67 0°.3/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 53.88	−22 3.6	1.922	2.738	14.7	20.7
5 1	16 48.57	−21 51.7	1.840	2.743	11.4	20.5
5 11	16 40.82	−21 34.8	1.781	2.748	7.6	20.3
5 21	16 31.31	−21 13.1	1.747	2.751	3.4	20.0
5 31	16 20.99	−20 48.0	1.741	2.754	1.1	19.9
6 10	16 11.01	−20 22.0	1.763	2.757	5.4	20.2
6 20	16 2.36	−19 58.1	1.811	2.758	9.4	20.4
6 30	15 55.82	−19 39.4	1.882	2.760	12.9	20.6

79228 1994 PP_{17} 5 28.8 239°.06 0°.2/28.9 18

4 21	16 52.75	−23 6.4	2.006	2.821	14.2	20.5
5 1	16 47.86	−22 57.4	1.905	2.807	11.2	20.2
5 11	16 40.50	−22 42.8	1.827	2.792	7.5	20.0
5 21	16 31.24	−22 22.3	1.773	2.777	3.4	19.7
5 31	16 20.99	−21 56.8	1.747	2.761	1.0	19.5
6 10	16 10.85	−21 28.6	1.749	2.744	5.3	19.7
6 20	16 1.87	−21 0.9	1.778	2.727	9.5	20.0
6 30	15 54.91	−20 37.2	1.830	2.709	13.2	20.1

38707 2000 QK_{89} 5 28.8 230°.30 2°.7/27.7 17

4 21	16 52.01	−17 55.4	1.656	2.488	16.0	18.9
5 1	16 47.56	−17 13.2	1.569	2.481	12.5	18.7
5 11	16 40.40	−16 26.6	1.503	2.472	8.5	18.4
5 21	16 31.21	−15 38.1	1.462	2.464	4.3	18.2
5 31	16 21.01	−14 51.4	1.446	2.455	3.1	18.1
6 10	16 11.06	−14 10.6	1.457	2.446	7.1	18.3
6 20	16 2.50	−13 39.7	1.493	2.436	11.4	18.5
6 30	15 56.24	−13 21.4	1.551	2.426	15.4	18.7

93923 2000 WM_{161} 5 28.8 188°.88 4°.9/26.8 18

4 21	16 49.38	− 9 27.4	2.035	2.856	13.8	19.8
5 1	16 44.85	− 8 47.1	1.955	2.855	11.0	19.6
5 11	16 38.24	− 8 10.3	1.898	2.855	8.0	19.4
5 21	16 30.13	− 7 40.2	1.866	2.854	5.5	19.3
5 31	16 21.34	− 7 20.0	1.861	2.853	5.2	19.3
6 10	16 12.80	− 7 12.0	1.882	2.851	7.5	19.4
6 20	16 5.33	− 7 17.2	1.929	2.849	10.5	19.6
6 30	15 59.64	− 7 35.4	1.998	2.847	13.5	19.8

325852 2010 TO_{53} 5 28.8 47°.19 2°.7/27.9 17

4 21	16 50.38	−17 11.1	1.423	2.268	17.4	21.2
5 1	16 46.49	−16 42.5	1.356	2.274	13.6	20.9
5 11	16 39.74	−16 12.0	1.308	2.280	9.1	20.7
5 21	16 30.89	−15 42.1	1.283	2.286	4.5	20.4
5 31	16 21.13	−15 15.8	1.284	2.293	3.2	20.4
6 10	16 11.82	−14 56.6	1.309	2.300	7.3	20.6
6 20	16 4.15	−14 47.1	1.357	2.307	11.7	20.9
6 30	15 58.97	−14 48.9	1.427	2.314	15.7	21.2

336322 2008 TJ_{69} 5 28.8 301°.53 4°.5/29.5 16

4 21	16 53.09	−29 14.1	1.689	2.505	16.4	21.1
5 1	16 49.11	−30 15.5	1.587	2.483	13.3	20.9
5 11	16 41.97	−31 12.4	1.505	2.461	9.7	20.6
5 21	16 32.15	−32 0.2	1.447	2.439	6.1	20.3
5 31	16 20.69	−32 34.8	1.414	2.417	4.6	20.2
6 10	16 9.04	−32 54.4	1.407	2.395	7.2	20.3
6 20	15 58.70	−33 0.5	1.424	2.374	11.3	20.4
6 30	15 50.96	−32 57.5	1.463	2.352	15.3	20.6

273963 2007 KO_{5} 5 28.8 295°.44 4°.6/27.7 18

4 21	16 50.41	−10 0.3	1.736	2.565	15.5	19.9
5 1	16 46.35	− 9 52.2	1.637	2.543	12.4	19.6
5 11	16 39.70	− 9 49.9	1.559	2.521	8.9	19.4
5 21	16 30.97	− 9 56.1	1.505	2.499	5.6	19.1
5 31	16 21.06	−10 12.9	1.476	2.477	4.9	19.0
6 10	16 11.12	−10 41.6	1.474	2.455	7.9	19.1
6 20	16 2.28	−11 22.2	1.496	2.433	11.8	19.3
6 30	15 55.54	−12 14.0	1.540	2.411	15.6	19.5

420523 2012 FH_{59} 5 28.8 163°.25 3°.0/29.8 17

4 21	16 55.53	−29 3.6	1.825	2.632	15.7	21.9
5 1	16 50.23	−29 24.4	1.744	2.637	12.5	21.7
5 11	16 42.15	−29 36.4	1.684	2.640	8.8	21.4
5 21	16 31.97	−29 37.2	1.648	2.644	5.0	21.2
5 31	16 20.81	−29 25.7	1.639	2.647	3.0	21.1
6 10	16 9.99	−29 3.6	1.657	2.649	5.9	21.3
6 20	16 0.67	−28 34.6	1.700	2.651	9.7	21.5
6 30	15 53.76	−28 3.8	1.768	2.652	13.3	21.7

494436 2016 UV_{90} 5 28.8 265°.61 0°.4/28.9 17

4 21	16 48.34	−23 10.5	2.381	3.195	12.3	22.1
5 1	16 44.02	−23 11.3	2.283	3.184	9.6	21.9
5 11	16 37.71	−23 8.0	2.209	3.174	6.5	21.7
5 21	16 29.92	−23 0.3	2.160	3.163	3.0	21.5
5 31	16 21.40	−22 48.7	2.139	3.152	0.9	21.3
6 10	16 13.00	−22 34.7	2.147	3.142	4.5	21.5
6 20	16 5.53	−22 20.4	2.181	3.131	7.9	21.7
6 30	15 59.69	−22 8.2	2.240	3.120	11.1	21.9

149762 2004 PE_{73} 5 28.8 232°.68 4°.3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.56	− 7 55.2	2.710	3.520	11.1	20.3
5 1	16 42.21	− 7 26.6	2.619	3.512	8.8	20.1
5 11	16 36.28	− 7 1.7	2.552	3.503	6.5	20.0
5 21	16 29.22	− 6 43.0	2.511	3.494	4.6	19.8
5 31	16 21.61	− 6 32.5	2.498	3.485	4.5	19.8
6 10	16 14.13	− 6 31.8	2.513	3.476	6.2	19.9
6 20	16 7.40	− 6 41.5	2.554	3.466	8.6	20.0
6 30	16 1.96	− 7 1.5	2.620	3.457	11.0	20.2

234460 2001 ST_{191} 5 28.8 2°.75 3°.4/27.9 17

4 21	16 47.07	−17 15.2	1.055	1.925	20.3	19.6
5 1	16 44.88	−16 42.0	0.991	1.923	15.9	19.4
5 11	16 39.18	−16 6.1	0.945	1.923	10.8	19.1
5 21	16 30.80	−15 31.0	0.919	1.923	5.4	18.8
5 31	16 21.16	−15 1.2	0.915	1.924	3.9	18.7
6 10	16 12.00	−14 41.3	0.932	1.927	8.7	19.0
6 20	16 4.83	−14 34.7	0.971	1.930	14.0	19.3
6 30	16 0.71	−14 43.0	1.027	1.935	18.7	19.6

251528 2008 GU_{141} 5 28.8 251°.89 1°.4/27.6 18

4 21	16 39.73	−15 36.4	4.515	5.324	7.0	20.9
5 1	16 36.37	−15 15.4	4.422	5.322	5.4	20.8
5 11	16 32.13	−14 54.2	4.356	5.319	3.6	20.7
5 21	16 27.29	−14 33.6	4.317	5.316	1.9	20.5
5 31	16 22.18	−14 14.7	4.307	5.313	1.5	20.5
6 10	16 17.16	−13 58.5	4.327	5.310	3.0	20.6
6 20	16 12.57	−13 45.9	4.376	5.308	4.8	20.7
6 30	16 8.71	−13 37.5	4.450	5.305	6.5	20.9

383167 2005 VD_{49} 5 28.8 218°.61 0°.6/28.6 17

4 21	16 51.64	−21 19.2	2.142	2.957	13.4	22.6
5 1	16 46.72	−21 2.7	2.047	2.949	10.5	22.4
5 11	16 39.58	−20 41.6	1.975	2.941	7.0	22.1
5 21	16 30.78	−20 16.6	1.928	2.932	3.1	21.9
5 31	16 21.17	−19 49.0	1.909	2.922	1.2	21.7
6 10	16 11.74	−19 21.2	1.919	2.912	5.1	22.0
6 20	16 3.40	−18 56.0	1.955	2.901	8.9	22.2
6 30	15 56.91	−18 36.3	2.016	2.890	12.4	22.4

47619 2000 BW_{28} 5 28.8 77°.30 8°.2/25.9 18

4 21	16 48.52	+ 0 12.3	1.974	2.781	14.7	19.0
5 1	16 44.11	+ 1 1.1	1.911	2.789	12.3	18.9
5 11	16 37.69	+ 1 38.6	1.869	2.797	10.0	18.7
5 21	16 29.87	+ 2 0.2	1.850	2.805	8.5	18.7
5 31	16 21.45	+ 2 2.7	1.856	2.813	8.5	18.7
6 10	16 13.37	+ 1 44.7	1.888	2.820	10.0	18.8
6 20	16 6.40	+ 1 7.2	1.943	2.828	12.2	18.9
6 30	16 1.20	+ 0 12.9	2.019	2.836	14.5	19.1

424131 2007 FZ 5 28.8 82°.17 7°.7/ 1.9 17

4 21	16 57.34	−43 2.7	1.741	2.508	17.9	20.8
5 1	16 52.05	−43 17.7	1.670	2.520	15.2	20.7
5 11	16 43.46	−43 11.5	1.617	2.532	12.1	20.5
5 21	16 32.52	−42 39.7	1.586	2.544	9.3	20.3
5 31	16 20.72	−41 40.8	1.579	2.556	7.8	20.3
6 10	16 9.67	−40 18.7	1.598	2.568	8.5	20.3
6 20	16 0.71	−38 41.1	1.641	2.580	10.9	20.5
6 30	15 54.69	−36 57.5	1.708	2.591	13.8	20.7

146889 2002 CG_{37} 5 28.8 64°.17 0°.2/28.9 17

4 21	16 48.23	−22 49.0	2.208	3.027	12.9	20.6
5 1	16 43.88	−22 43.1	2.133	3.037	10.0	20.4
5 11	16 37.54	−22 32.7	2.080	3.046	6.7	20.2
5 21	16 29.80	−22 18.0	2.053	3.056	3.0	20.0
5 31	16 21.47	−22 0.2	2.053	3.066	0.8	19.8
6 10	16 13.45	−21 41.1	2.081	3.076	4.6	20.1
6 20	16 6.51	−21 23.0	2.136	3.086	8.0	20.4
6 30	16 1.31	−21 8.3	2.215	3.097	11.1	20.6

5097 Axford 5 28.8 319°.34 2°.8/27.9 18

4 21	16 46.60	−16 33.0	1.440	2.291	16.9	16.8
5 1	16 43.96	−16 15.5	1.346	2.268	13.4	16.5
5 11	16 38.40	−15 56.9	1.272	2.245	9.1	16.2
5 21	16 30.49	−15 39.3	1.219	2.223	4.6	15.9
5 31	16 21.22	−15 25.5	1.191	2.201	3.2	15.7
6 10	16 11.98	−15 18.4	1.187	2.180	7.6	15.9
6 20	16 4.07	−15 20.5	1.206	2.160	12.5	16.1
6 30	15 58.62	−15 33.8	1.245	2.140	17.0	16.3

175361 2005 QM_{61} 5 28.8 37°.03 3°.8/30.6 17

4 21	16 49.98	−33 27.5	2.147	2.943	14.0	20.2
5 1	16 45.58	−33 36.8	2.063	2.945	11.3	20.0
5 11	16 38.86	−33 34.6	2.002	2.948	8.3	19.8
5 21	16 30.45	−33 19.3	1.964	2.951	5.3	19.7
5 31	16 21.29	−32 50.4	1.953	2.954	3.8	19.6
6 10	16 12.45	−32 10.2	1.969	2.958	5.5	19.7
6 20	16 4.89	−31 22.5	2.012	2.961	8.5	19.9
6 30	15 59.33	−30 32.2	2.079	2.965	11.5	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
84658 2002 VX_{76}			5 28.8 199°.25		1°.2/28.3 18	
	h m	° ′			°	m
4 21	16 48.91	−18 41.6	2.329	3.147	12.4	20.3
5 1	16 44.34	−18 27.7	2.241	3.145	9.6	20.1
5 11	16 37.85	−18 11.7	2.176	3.143	6.4	19.9
5 21	16 29.96	−17 54.6	2.137	3.140	3.0	19.6
5 31	16 21.43	−17 37.7	2.127	3.138	1.6	19.5
6 10	16 13.09	−17 22.9	2.144	3.135	4.9	19.8
6 20	16 5.72	−17 12.0	2.189	3.132	8.3	20.0
6 30	15 59.98	−17 6.7	2.258	3.129	11.3	20.1
504072 2005 YW_{240}			5 28.8 216°.52		1°.2/29.3 17	
4 21	16 52.48	−25 48.7	2.259	3.064	13.1	22.5
5 1	16 47.36	−25 50.3	2.161	3.056	10.4	22.3
5 11	16 40.01	−25 45.6	2.087	3.048	7.1	22.0
5 21	16 30.99	−25 33.7	2.038	3.038	3.5	21.8
5 31	16 21.13	−25 15.0	2.017	3.029	1.4	21.6
6 10	16 11.43	−24 51.0	2.024	3.019	4.8	21.8
6 20	16 2.82	−24 24.6	2.059	3.008	8.4	22.0
6 30	15 56.05	−23 59.2	2.119	2.997	11.7	22.2
321816 2010 RF_{33}			5 28.8 233°.34		3°.0/30.3 18	
4 21	16 50.05	−32 31.8	2.991	3.770	10.8	21.6
5 1	16 45.08	−32 48.2	2.885	3.758	8.8	21.5
5 11	16 38.30	−32 56.9	2.802	3.745	6.4	21.3
5 21	16 30.17	−32 56.4	2.746	3.732	4.1	21.1
5 31	16 21.37	−32 46.0	2.718	3.718	3.0	21.0
6 10	16 12.65	−32 26.6	2.719	3.704	4.4	21.1
6 20	16 4.77	−32 0.1	2.748	3.689	6.9	21.2
6 30	15 58.34	−31 29.8	2.802	3.675	9.3	21.4
148088 1999 CE_{100}			5 28.8 107°.06		6°.9/26.5 18	
4 21	16 52.00	− 4 3.2	1.932	2.743	14.8	20.3
5 1	16 46.71	− 3 15.6	1.875	2.762	12.0	20.2
5 11	16 39.34	− 2 36.7	1.839	2.781	9.2	20.1
5 21	16 30.58	− 2 10.3	1.829	2.800	7.2	20.0
5 31	16 21.29	− 1 59.6	1.844	2.818	7.1	20.0
6 10	16 12.44	− 2 6.1	1.886	2.836	8.9	20.1
6 20	16 4.86	− 2 29.2	1.952	2.853	11.5	20.3
6 30	15 59.14	− 3 7.2	2.041	2.869	14.0	20.5
129734 1998 XY_{24}			5 28.8 294°.99		1°.5/28.5 18	
4 21	16 50.99	−16 23.2	1.883	2.709	14.6	19.4
5 1	16 46.73	−16 39.8	1.779	2.687	11.5	19.1
5 11	16 39.93	−16 58.6	1.697	2.665	7.8	18.8
5 21	16 31.09	−17 19.9	1.639	2.642	3.7	18.5
5 31	16 21.07	−17 43.8	1.609	2.620	1.9	18.4
6 10	16 11.00	−18 10.5	1.605	2.598	6.0	18.6
6 20	16 1.96	−18 40.5	1.628	2.576	10.2	18.8
6 30	15 54.94	−19 14.5	1.674	2.554	14.1	19.0
408481 2013 HQ_{117}			5 28.8 239°.01		2°.4/29.4 17	
4 21	16 55.41	−25 52.1	1.560	2.383	17.2	21.3
5 1	16 50.77	−26 23.4	1.471	2.375	13.7	21.0
5 11	16 42.92	−26 49.1	1.403	2.367	9.5	20.7
5 21	16 32.50	−27 6.4	1.358	2.359	5.0	20.4
5 31	16 20.68	−27 13.3	1.339	2.350	2.6	20.3
6 10	16 9.00	−27 10.5	1.346	2.341	6.5	20.5
6 20	15 58.90	−27 0.8	1.377	2.332	11.2	20.7
6 30	15 51.54	−26 49.2	1.431	2.322	15.4	21.0
292433 2006 SV_{332}			5 28.8 340°.62		1°.3/28.5 17	
4 21	16 46.20	−19 27.9	1.175	2.039	19.1	20.5
5 1	16 44.15	−19 24.1	1.099	2.028	15.0	20.2
5 11	16 38.75	−19 17.4	1.040	2.017	10.1	19.9
5 21	16 30.69	−19 8.8	1.002	2.008	4.6	19.5
5 31	16 21.21	−19 0.1	0.987	2.000	2.0	19.3
6 10	16 11.97	−18 54.0	0.994	1.993	7.5	19.6
6 20	16 4.47	−18 53.5	1.023	1.987	13.0	19.9
6 30	15 59.90	−19 1.4	1.071	1.982	17.8	20.2
427281 2014 WY_{197}			5 28.8 126°.52		6°.4/25.9 17	
4 21	16 51.06	− 8 22.3	1.774	2.599	15.4	21.9
5 1	16 46.28	− 7 7.7	1.709	2.609	12.3	21.7
5 11	16 39.22	− 5 57.0	1.666	2.619	9.1	21.5
5 21	16 30.57	− 4 55.3	1.648	2.629	6.8	21.4
5 31	16 21.30	− 4 7.6	1.656	2.639	6.8	21.4
6 10	16 12.45	− 3 37.7	1.690	2.648	9.1	21.6
6 20	16 4.92	− 3 26.7	1.748	2.656	12.1	21.8
6 30	15 59.39	− 3 34.2	1.827	2.665	15.0	22.0
297928 2002 ER_{75}			5 28.8 120°.82		3°.4/26.8 18	
4 21	16 47.25	−11 15.9	2.895	3.703	10.5	21.6
5 1	16 42.46	−10 31.0	2.826	3.721	8.2	21.5
5 11	16 36.27	− 9 47.8	2.782	3.738	5.8	21.3
5 21	16 29.16	− 9 8.3	2.766	3.755	3.8	21.2
5 31	16 21.70	− 8 35.1	2.778	3.771	3.6	21.2
6 10	16 14.51	− 8 9.9	2.820	3.787	5.4	21.4
6 20	16 8.13	− 7 53.9	2.888	3.803	7.7	21.6
6 30	16 3.00	− 7 47.6	2.981	3.818	9.8	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
478856 2012 VK_{73}			5 28.8 243°.07		1°.3/28.3 17	
	h m	° ′			°	m
4 21	16 49.10	−18 40.5	2.162	2.984	13.1	22.1
5 1	16 44.70	−18 26.8	2.071	2.977	10.2	21.9
5 11	16 38.22	−18 11.0	2.002	2.969	6.8	21.7
5 21	16 30.19	−17 53.9	1.959	2.962	3.2	21.4
5 31	16 21.40	−17 37.0	1.943	2.954	1.7	21.3
6 10	16 12.78	−17 22.4	1.955	2.947	5.2	21.5
6 20	16 5.18	−17 12.0	1.994	2.939	8.9	21.7
6 30	15 59.33	−17 7.7	2.056	2.931	12.1	21.9
1569 Evita			5 28.8 270°.99		3°.1/27.7 18	
4 21	16 47.95	−11 48.1	2.417	3.233	12.0	16.3
5 1	16 43.58	−11 39.1	2.320	3.221	9.5	16.1
5 11	16 37.37	−11 32.9	2.247	3.208	6.6	15.9
5 21	16 29.79	−11 31.2	2.200	3.196	4.0	15.7
5 31	16 21.51	−11 35.2	2.181	3.183	3.4	15.6
6 10	16 13.32	−11 46.3	2.190	3.170	5.7	15.8
6 20	16 5.97	−12 5.0	2.225	3.157	8.8	15.9
6 30	16 0.11	−12 31.4	2.285	3.144	11.6	16.1
105586 2000 RB_{85}			5 28.8 159°.62		0°.5/28.6 18	
4 21	16 48.57	−20 35.9	2.788	3.596	10.8	20.5
5 1	16 43.73	−20 27.4	2.703	3.601	8.4	20.3
5 11	16 37.27	−20 16.2	2.642	3.606	5.6	20.1
5 21	16 29.67	−20 2.7	2.608	3.611	2.5	19.9
5 31	16 21.57	−19 48.0	2.603	3.615	0.9	19.8
6 10	16 13.67	−19 33.5	2.627	3.619	4.0	20.1
6 20	16 6.62	−19 20.7	2.679	3.623	6.9	20.3
6 30	16 0.94	−19 11.4	2.757	3.626	9.6	20.4
36430 2000 PN_{10}			5 28.8 241°.81		2°.4/28.2 18	
4 21	16 53.69	−15 43.0	1.644	2.473	16.2	19.4
5 1	16 49.02	−15 39.5	1.554	2.463	12.7	19.2
5 11	16 41.53	−15 37.1	1.484	2.452	8.7	18.9
5 21	16 31.82	−15 36.9	1.439	2.441	4.4	18.6
5 31	16 20.93	−15 40.3	1.420	2.430	2.8	18.5
6 10	16 10.17	−15 48.8	1.427	2.418	6.9	18.7
6 20	16 0.74	−16 3.6	1.460	2.406	11.4	18.9
6 30	15 53.67	−16 26.0	1.514	2.393	15.4	19.1
393872 2005 TS_{18}			5 28.8 258°.48		0°.8/28.4 18	
4 21	16 48.29	−19 40.5	2.567	3.381	11.5	22.0
5 1	16 43.83	−19 29.6	2.462	3.363	9.0	21.8
5 11	16 37.54	−19 16.3	2.380	3.345	6.0	21.6
5 21	16 29.88	−19 0.9	2.324	3.327	2.7	21.3
5 31	16 21.50	−18 44.7	2.297	3.309	1.2	21.2
6 10	16 13.19	−18 29.3	2.298	3.290	4.5	21.4
6 20	16 5.70	−18 16.5	2.327	3.271	7.8	21.6
6 30	15 59.67	−18 8.1	2.381	3.251	10.8	21.7
504920 2011 BF_{74}			5 28.8 286°.70		5°.4/30.9 17	
4 21	16 52.54	−35 18.4	1.720	2.522	16.7	21.4
5 1	16 48.49	−35 39.4	1.627	2.510	13.8	21.1
5 11	16 41.35	−35 46.2	1.554	2.498	10.4	20.9
5 21	16 31.78	−35 34.8	1.503	2.486	7.1	20.7
5 31	16 20.95	−35 3.3	1.476	2.474	5.4	20.6
6 10	16 10.36	−34 13.6	1.476	2.462	7.2	20.6
6 20	16 1.36	−33 11.1	1.499	2.450	10.8	20.8
6 30	15 55.02	−32 3.2	1.546	2.438	14.4	21.0
202867 2008 UU_{36}			5 28.8 339°.95		1°.7/29.4 17	
4 21	16 50.16	−26 11.2	1.794	2.617	15.3	20.7
5 1	16 46.09	−26 20.6	1.711	2.615	12.1	20.5
5 11	16 39.43	−26 22.8	1.648	2.613	8.3	20.2
5 21	16 30.81	−26 16.7	1.610	2.611	4.2	20.0
5 31	16 21.25	−26 2.3	1.598	2.609	1.9	19.8
6 10	16 11.95	−25 41.6	1.612	2.608	5.5	20.1
6 20	16 4.01	−25 17.8	1.651	2.606	9.6	20.3
6 30	15 58.29	−24 54.9	1.714	2.605	13.3	20.5
175163 2005 EM_{86}			5 28.8 84°.20		5°.1/27.4 17	
4 21	16 51.36	−11 13.5	1.498	2.336	17.1	20.4
5 1	16 47.09	−10 39.8	1.430	2.341	13.5	20.2
5 11	16 40.09	−10 10.0	1.381	2.346	9.5	20.0
5 21	16 31.09	− 9 47.6	1.356	2.351	6.0	19.8
5 31	16 21.21	− 9 36.1	1.356	2.355	5.4	19.8
6 10	16 11.72	− 9 37.9	1.380	2.360	8.4	19.9
6 20	16 3.75	− 9 53.7	1.429	2.365	12.3	20.2
6 30	15 58.14	−10 23.1	1.498	2.370	16.0	20.4
419677 2010 TJ_{179}			5 28.8 188°.34		4°.9/27.0 17	
4 21	16 51.59	−11 2.3	1.767	2.594	15.3	21.6
5 1	16 46.92	−10 19.4	1.689	2.593	12.2	21.3
5 11	16 39.82	− 9 39.1	1.632	2.593	8.7	21.1
5 21	16 30.95	− 9 4.8	1.600	2.592	5.6	20.9
5 31	16 21.25	− 8 40.2	1.593	2.590	5.2	20.9
6 10	16 11.84	− 8 28.1	1.614	2.588	8.0	21.1
6 20	16 3.71	− 8 30.0	1.659	2.586	11.5	21.3
6 30	15 57.65	− 8 45.9	1.726	2.583	14.9	21.5

374409 2005 WK_{34} 5 28.8 195°.54 1°.1/29.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.60	−26 21.5	2.254	3.058	13.2	21.8
5 1	16 47.39	−26 11.8	2.162	3.056	10.4	21.6
5 11	16 39.99	−25 54.7	2.092	3.053	7.1	21.3
5 21	16 30.99	−25 29.7	2.048	3.049	3.5	21.1
5 31	16 21.24	−24 57.6	2.032	3.045	1.3	20.9
6 10	16 11.73	−24 20.8	2.045	3.040	4.7	21.2
6 20	16 3.36	−23 42.4	2.086	3.035	8.3	21.4
6 30	15 56.85	−23 6.3	2.151	3.028	11.5	21.6

53257 1999 FF 5 28.8 233°.01 0°.5/29.0 18

4 21	16 49.53	−23 36.7	2.360	3.171	12.4	19.3
5 1	16 44.95	−23 36.8	2.265	3.164	9.7	19.1
5 11	16 38.36	−23 32.4	2.193	3.157	6.6	18.9
5 21	16 30.28	−23 23.1	2.147	3.149	3.0	18.7
5 31	16 21.45	−23 9.5	2.128	3.142	0.9	18.5
6 10	16 12.78	−22 53.2	2.139	3.134	4.5	18.7
6 20	16 5.09	−22 36.2	2.176	3.125	8.0	18.9
6 30	15 59.06	−22 21.2	2.238	3.117	11.1	19.1

357930 2005 WT_{159} 5 28.8 268°.08 0°.6/28.6 18

4 21	16 47.82	−20 21.8	2.503	3.318	11.7	21.5
5 1	16 43.53	−20 13.3	2.400	3.302	9.1	21.3
5 11	16 37.38	−20 2.0	2.319	3.286	6.1	21.1
5 21	16 29.84	−19 48.3	2.265	3.269	2.8	20.8
5 31	16 21.57	−19 33.2	2.240	3.252	1.1	20.7
6 10	16 13.38	−19 18.4	2.242	3.235	4.5	20.9
6 20	16 6.04	−19 5.6	2.272	3.218	7.9	21.1
6 30	16 0.18	−18 56.9	2.327	3.201	10.9	21.2

469472 2002 RH_{223} 5 28.8 277°.50 7°.0/25.3 17

4 21	16 47.80	− 4 11.2	2.126	2.940	13.5	21.5
5 1	16 43.75	− 3 10.8	2.029	2.918	11.2	21.3
5 11	16 37.66	− 2 15.5	1.953	2.894	8.8	21.1
5 21	16 30.01	− 1 30.0	1.902	2.871	7.2	20.9
5 31	16 21.52	− 0 58.7	1.877	2.847	7.4	20.9
6 10	16 13.08	− 0 44.9	1.878	2.823	9.3	20.9
6 20	16 5.54	− 0 49.8	1.903	2.798	12.0	21.1
6 30	15 59.63	− 1 13.2	1.950	2.774	14.7	21.2

354107 2001 YT_{98} 5 28.8 186°.95 2°.5/27.9 18

4 21	16 49.06	−13 6.4	2.568	3.380	11.5	21.3
5 1	16 44.25	−13 1.3	2.481	3.380	9.0	21.1
5 11	16 37.71	−12 58.3	2.418	3.379	6.2	20.9
5 21	16 29.93	−12 58.4	2.381	3.378	3.5	20.8
5 31	16 21.57	−13 2.9	2.373	3.377	2.8	20.7
6 10	16 13.36	−13 12.5	2.393	3.376	5.1	20.9
6 20	16 6.00	−13 27.9	2.441	3.374	8.0	21.0
6 30	16 0.08	−13 49.5	2.513	3.372	10.7	21.2

19584 Sarahgerin 5 28.8 230°.13 0°.6/28.6 18

4 21	16 50.22	−21 11.6	1.930	2.754	14.3	19.0
5 1	16 45.84	−20 56.7	1.843	2.751	11.2	18.8
5 11	16 39.12	−20 37.3	1.779	2.747	7.5	18.6
5 21	16 30.65	−20 14.2	1.739	2.743	3.3	18.3
5 31	16 21.36	−19 48.8	1.726	2.739	1.2	18.1
6 10	16 12.30	−19 23.8	1.741	2.735	5.4	18.4
6 20	16 4.46	−19 1.9	1.781	2.731	9.4	18.7
6 30	15 58.60	−18 45.9	1.845	2.726	13.0	18.9

68440 2001 RN_{107} 5 28.8 129°.61 0°.6/29.1 18

4 21	16 49.57	−24 8.5	2.197	3.012	13.1	19.8
5 1	16 45.04	−24 6.1	2.114	3.015	10.2	19.6
5 11	16 38.42	−23 58.4	2.054	3.018	6.9	19.4
5 21	16 30.29	−23 45.2	2.019	3.022	3.2	19.1
5 31	16 21.48	−23 27.3	2.012	3.025	1.0	19.0
6 10	16 12.93	−23 6.4	2.032	3.028	4.6	19.2
6 20	16 5.48	−22 45.2	2.080	3.030	8.2	19.5
6 30	15 59.82	−22 26.5	2.151	3.033	11.4	19.7

307590 2003 JX_{12} 5 28.8 262°.96 0°.9/29.1 18

4 21	16 49.72	−23 27.7	2.397	3.207	12.3	20.8
5 1	16 45.14	−23 47.6	2.300	3.199	9.6	20.6
5 11	16 38.53	−24 4.3	2.227	3.190	6.5	20.4
5 21	16 30.38	−24 17.0	2.180	3.182	3.1	20.1
5 31	16 21.45	−24 25.2	2.161	3.173	1.1	19.9
6 10	16 12.62	−24 29.7	2.170	3.165	4.5	20.2
6 20	16 4.72	−24 31.9	2.206	3.156	7.9	20.4
6 30	15 58.46	−24 33.7	2.268	3.147	11.0	20.6

373200 2012 DF_{82} 5 28.8 18°.27 1°.0/29.1 17

4 21	16 49.01	−24 10.3	1.257	2.108	18.9	20.9
5 1	16 46.04	−24 13.4	1.192	2.113	14.8	20.6
5 11	16 39.79	−24 9.0	1.145	2.118	10.0	20.4
5 21	16 31.09	−23 56.4	1.119	2.124	4.7	20.1
5 31	16 21.29	−23 36.5	1.117	2.131	1.5	19.9
6 10	16 11.98	−23 12.7	1.139	2.138	6.7	20.2
6 20	16 4.53	−22 49.2	1.184	2.147	11.7	20.5
6 30	15 59.94	−22 30.6	1.249	2.156	16.1	20.8

114930 2003 QH_{44} 5 28.8 221°.61 4°.1/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.54	− 9 8.7	2.772	3.576	11.0	20.9
5 1	16 44.52	− 8 31.8	2.673	3.563	8.8	20.7
5 11	16 37.87	− 7 57.2	2.598	3.550	6.4	20.5
5 21	16 30.03	− 7 27.3	2.551	3.535	4.5	20.4
5 31	16 21.58	− 7 4.6	2.531	3.520	4.3	20.3
6 10	16 13.24	− 6 51.0	2.541	3.505	6.1	20.4
6 20	16 5.64	− 6 47.5	2.578	3.488	8.7	20.6
6 30	15 59.36	− 6 54.8	2.640	3.471	11.1	20.7

505741 2015 BU_{55} 5 28.8 28°.49 9°.8/ 1.8 17

4 21	16 52.71	−41 52.9	1.298	2.101	21.1	20.2
5 1	16 49.54	−42 53.2	1.244	2.116	17.9	20.0
5 11	16 42.39	−43 31.0	1.207	2.132	14.5	19.9
5 21	16 32.29	−43 39.4	1.189	2.150	11.5	19.7
5 31	16 20.97	−43 15.2	1.192	2.168	9.9	19.7
6 10	16 10.48	−42 21.3	1.218	2.187	10.6	19.8
6 20	16 2.45	−41 6.1	1.265	2.207	13.1	20.0
6 30	15 57.91	−39 40.7	1.333	2.229	16.0	20.2

348891 2006 SC_{274} 5 28.8 157°.20 1°.5/28.2 17

4 21	16 51.94	−19 50.6	1.857	2.681	14.8	22.0
5 1	16 47.11	−19 16.9	1.779	2.686	11.5	21.8
5 11	16 39.91	−18 38.7	1.722	2.690	7.7	21.6
5 21	16 30.99	−17 57.5	1.690	2.694	3.6	21.3
5 31	16 21.33	−17 16.2	1.686	2.697	2.0	21.2
6 10	16 12.02	−16 38.2	1.709	2.700	5.9	21.5
6 20	16 4.03	−16 6.7	1.758	2.703	9.9	21.7
6 30	15 58.12	−15 44.5	1.830	2.705	13.4	21.9

9495 Eminescu 5 28.8 204°.25 2°.2/29.5 18

4 21	16 56.60	−26 30.4	1.645	2.461	16.7	18.4
5 1	16 51.49	−26 50.4	1.558	2.458	13.3	18.2
5 11	16 43.29	−27 3.2	1.492	2.454	9.2	17.9
5 21	16 32.68	−27 6.5	1.450	2.449	4.8	17.7
5 31	16 20.83	−26 59.2	1.433	2.444	2.4	17.5
6 10	16 9.21	−26 42.6	1.444	2.438	6.2	17.7
6 20	15 59.17	−26 20.5	1.479	2.432	10.7	18.0
6 30	15 51.76	−25 57.8	1.537	2.425	14.8	18.2

141408 2002 AH_{172} 5 28.8 170°.72 2°.0/27.9 18

4 21	16 47.90	−15 44.0	2.667	3.481	11.1	21.5
5 1	16 43.29	−15 27.7	2.582	3.483	8.6	21.4
5 11	16 37.04	−15 11.3	2.521	3.485	5.8	21.2
5 21	16 29.64	−14 55.9	2.486	3.487	3.0	21.0
5 31	16 21.71	−14 43.0	2.481	3.488	2.2	20.9
6 10	16 13.97	−14 34.0	2.503	3.489	4.7	21.1
6 20	16 7.07	−14 30.3	2.554	3.490	7.6	21.3
6 30	16 1.55	−14 32.7	2.629	3.490	10.2	21.5

50574 2000 ED_{40} 5 28.8 191°.70 1°.7/29.5 18

4 21	16 51.27	−26 51.0	2.334	3.137	12.8	19.6
5 1	16 46.36	−27 3.0	2.243	3.136	10.1	19.4
5 11	16 39.33	−27 9.0	2.176	3.135	7.0	19.2
5 21	16 30.74	−27 7.7	2.135	3.133	3.6	19.0
5 31	16 21.40	−26 59.0	2.121	3.131	1.8	18.8
6 10	16 12.25	−26 44.1	2.136	3.129	4.6	19.0
6 20	16 4.17	−26 25.5	2.177	3.127	8.0	19.2
6 30	15 57.86	−26 6.2	2.244	3.124	11.0	19.4

512416 2016 PM_{83} 5 28.8 222°.30 0°.5/28.6 18

4 21	16 47.98	−20 35.6	2.717	3.528	11.0	22.3
5 1	16 43.44	−20 27.2	2.621	3.521	8.6	22.1
5 11	16 37.21	−20 16.0	2.548	3.514	5.7	21.9
5 21	16 29.74	−20 2.5	2.503	3.506	2.6	21.7
5 31	16 21.68	−19 47.6	2.485	3.498	0.9	21.5
6 10	16 13.76	−19 32.9	2.497	3.490	4.1	21.8
6 20	16 6.64	−19 19.9	2.537	3.482	7.2	22.0
6 30	16 0.91	−19 10.5	2.602	3.473	10.0	22.1

428026 2006 BH_{275} 5 28.8 28°.90 3°.7/30.1 16

4 21	16 51.04	−30 3.5	1.588	2.411	17.0	21.2
5 1	16 47.16	−30 28.8	1.516	2.417	13.6	21.0
5 11	16 40.32	−30 43.6	1.464	2.423	9.7	20.8
5 21	16 31.29	−30 45.4	1.435	2.430	5.7	20.6
5 31	16 21.25	−30 33.2	1.431	2.437	3.7	20.5
6 10	16 11.63	−30 9.0	1.452	2.445	6.4	20.6
6 20	16 3.65	−29 37.1	1.497	2.453	10.3	20.9
6 30	15 58.24	−29 3.0	1.564	2.462	14.0	21.1

511964 2015 KW_{14} 5 28.8 323°.57 5°.9/26.6 17

4 21	16 47.11	− 6 51.4	1.960	2.785	14.1	20.9
5 1	16 43.25	− 6 11.8	1.880	2.780	11.4	20.7
5 11	16 37.31	− 5 38.1	1.822	2.775	8.6	20.5
5 21	16 29.85	− 5 13.8	1.788	2.770	6.3	20.4
5 31	16 21.66	− 5 2.3	1.780	2.765	6.2	20.3
6 10	16 13.68	− 5 5.7	1.798	2.761	8.3	20.5
6 20	16 6.75	− 5 24.4	1.840	2.757	11.2	20.6
6 30	16 1.57	− 5 57.5	1.904	2.753	14.0	20.8

508143 2015 FN_{75} 5 28.8 230°.29 0°.9/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.91	−19 39.7	2.149	2.969	13.2	21.7
5 1	16 45.38	−19 30.4	2.058	2.963	10.3	21.5
5 11	16 38.73	−19 18.4	1.989	2.957	6.9	21.3
5 21	16 30.49	−19 4.5	1.946	2.950	3.1	21.0
5 31	16 21.47	−18 49.7	1.931	2.943	1.4	20.9
6 10	16 12.63	−18 36.1	1.944	2.937	5.1	21.1
6 20	16 4.84	−18 25.5	1.983	2.929	8.8	21.3
6 30	15 58.83	−18 20.0	2.046	2.922	12.1	21.5

300979 2008 EZ_{103} 5 28.8 117°.84 5°.9/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.54	−40 59.9	2.857	3.596	12.2	20.8
5 1	16 50.35	−41 56.2	2.781	3.613	10.3	20.7
5 11	16 41.94	−42 41.2	2.728	3.629	8.3	20.6
5 21	16 31.90	−43 11.4	2.699	3.645	6.6	20.5
5 31	16 21.09	−43 24.6	2.699	3.660	5.9	20.4
6 10	16 10.51	−43 21.0	2.725	3.675	6.5	20.5
6 20	16 1.08	−43 3.0	2.779	3.690	8.1	20.6
6 30	15 53.53	−42 34.8	2.857	3.704	9.9	20.8

184990 2006 KE_{89} 5 28.8 288°.61 36°.4/21.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	18 9.43	+28 24.6	1.016	1.622	36.4	19.0
5 1	18 1.94	+33 2.9	0.877	1.553	37.3	18.6
5 11	17 44.21	+38 23.2	0.747	1.476	38.9	18.2
5 21	17 9.44	+44 8.9	0.630	1.388	42.1	17.7
5 31	16 6.96	+49 6.3	0.533	1.289	48.2	17.4
6 10	14 31.44	+50 12.1	0.464	1.177	58.6	17.2
6 20	12 46.94	+44 12.5	0.429	1.051	73.6	17.2
6 30	11 24.40	+32 37.6	0.433	0.907	91.7	17.6

70214 1999 RU_{40} 5 28.8 301°.67 11°.1/23.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.48	+ 2 18.5	1.718	2.533	16.2	19.1
5 1	16 43.18	+ 3 54.3	1.636	2.512	14.1	18.9
5 11	16 37.51	+ 5 20.0	1.574	2.492	12.2	18.7
5 21	16 30.04	+ 6 27.6	1.534	2.473	11.2	18.6
5 31	16 21.61	+ 7 10.1	1.517	2.453	11.6	18.6
6 10	16 13.29	+ 7 23.0	1.523	2.433	13.4	18.6
6 20	16 6.09	+ 7 5.7	1.550	2.414	15.9	18.7
6 30	16 0.83	+ 6 20.4	1.594	2.395	18.4	18.9

512607 2016 TN_{15} 5 28.8 201°.62 3°.8/27.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.83	− 9 56.8	2.595	3.409	11.4	21.4
5 1	16 42.50	− 9 28.6	2.510	3.407	9.0	21.3
5 11	16 36.55	− 9 3.4	2.449	3.405	6.5	21.1
5 21	16 29.44	− 8 43.2	2.414	3.403	4.3	21.0
5 31	16 21.80	− 8 30.2	2.407	3.400	4.0	20.9
6 10	16 14.33	− 8 25.9	2.427	3.398	6.0	21.1
6 20	16 7.67	− 8 31.1	2.475	3.395	8.5	21.2
6 30	16 2.37	− 8 46.0	2.546	3.392	11.0	21.4

326647 2002 TM_{20} 5 28.8 289°.74 2°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.63	−18 45.2	1.555	2.395	16.4	20.9
5 1	16 46.15	−18 8.4	1.458	2.374	13.0	20.7
5 11	16 39.81	−17 26.2	1.380	2.352	8.8	20.4
5 21	16 31.18	−16 40.5	1.326	2.330	4.3	20.0
5 31	16 21.28	−15 55.0	1.298	2.308	2.9	19.9
6 10	16 11.44	−15 13.9	1.294	2.286	7.3	20.1
6 20	16 2.93	−14 41.8	1.315	2.264	12.1	20.3
6 30	15 56.80	−14 22.1	1.356	2.242	16.5	20.5

521320 2015 KL_{171} 5 28.8 149°.44 6°.5/26.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.45	− 2 37.1	2.266	3.072	13.1	21.4
5 1	16 43.91	− 2 4.0	2.191	3.074	10.7	21.2
5 11	16 37.56	− 1 39.3	2.139	3.076	8.4	21.1
5 21	16 29.91	− 1 26.2	2.111	3.078	6.7	21.0
5 31	16 21.68	− 1 27.5	2.110	3.080	6.7	21.0
6 10	16 13.68	− 1 44.3	2.136	3.082	8.2	21.1
6 20	16 6.64	− 2 16.0	2.186	3.084	10.5	21.2
6 30	16 1.15	− 3 1.4	2.260	3.085	12.9	21.4

178853 2001 KR_{14} 5 28.8 330°.84 2°.6/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.49	−14 58.1	1.207	2.068	18.9	18.9
5 1	16 45.24	−15 14.5	1.122	2.048	15.0	18.5
5 11	16 39.64	−15 36.2	1.055	2.030	10.3	18.2
5 21	16 31.26	−16 4.4	1.009	2.013	5.1	17.9
5 31	16 21.24	−16 39.7	0.985	1.997	3.0	17.7
6 10	16 11.20	−17 22.0	0.985	1.982	7.9	17.9
6 20	16 2.73	−18 11.0	1.006	1.968	13.4	18.2
6 30	15 57.16	−19 6.2	1.047	1.955	18.4	18.4

352606 2008 ET_{90} 5 28.8 52°.20 8°.3/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.34	−44 15.6	2.115	2.864	15.6	20.6
5 1	16 50.36	−45 17.4	2.044	2.875	13.5	20.4
5 11	16 42.41	−46 3.1	1.992	2.887	11.2	20.3
5 21	16 32.23	−46 27.6	1.963	2.898	9.3	20.2
5 31	16 21.02	−46 27.8	1.958	2.910	8.4	20.2
6 10	16 10.19	−46 4.1	1.978	2.922	8.9	20.2
6 20	16 1.02	−45 20.9	2.022	2.934	10.5	20.3
6 30	15 54.42	−44 24.6	2.088	2.947	12.6	20.5

462192 2007 US_{87} 5 28.8 152°.12 0°.3/28.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.70	−22 32.7	1.960	2.773	14.5	22.3
5 1	16 49.14	−22 11.8	1.882	2.783	11.3	22.1
5 11	16 41.20	−21 45.0	1.826	2.792	7.5	21.9
5 21	16 31.57	−21 12.9	1.796	2.800	3.4	21.6
5 31	16 21.23	−20 37.3	1.794	2.807	1.0	21.5
6 10	16 11.28	−20 1.2	1.820	2.814	5.3	21.8
6 20	16 2.68	−19 28.0	1.873	2.820	9.2	22.0
6 30	15 56.18	−19 1.0	1.950	2.825	12.7	22.3

507030 2008 UW_{116} 5 28.8 248°.86 1°.8/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.76	−27 39.6	1.984	2.798	14.4	22.0
5 1	16 46.36	−27 34.2	1.894	2.792	11.4	21.8
5 11	16 39.54	−27 20.0	1.825	2.786	7.9	21.6
5 21	16 30.90	−26 56.1	1.780	2.780	4.1	21.3
5 31	16 21.40	−26 23.2	1.763	2.774	1.9	21.2
6 10	16 12.14	−25 43.8	1.772	2.768	5.2	21.4
6 20	16 4.13	−25 1.7	1.808	2.762	9.0	21.6
6 30	15 58.18	−24 21.4	1.868	2.755	12.6	21.8

71039 1999 XZ_{73} 5 28.8 172°.45 0°.4/28.7 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.01	−20 45.5	2.473	3.282	12.0	20.0
5 1	16 45.88	−20 39.5	2.387	3.285	9.3	19.8
5 11	16 38.87	−20 30.6	2.323	3.288	6.2	19.6
5 21	16 30.50	−20 19.1	2.287	3.290	2.8	19.4
5 31	16 21.52	−20 5.8	2.279	3.292	1.0	19.2
6 10	16 12.76	−19 52.2	2.300	3.293	4.4	19.5
6 20	16 4.96	−19 40.3	2.349	3.293	7.7	19.7
6 30	15 58.76	−19 32.0	2.423	3.293	10.7	19.9

118462 1999 XQ_{24} 5 28.8 254°.51 1°.1/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.10	−23 43.7	2.699	3.499	11.3	19.9
5 1	16 46.07	−24 12.6	2.591	3.484	8.9	19.7
5 11	16 39.12	−24 39.1	2.508	3.468	6.1	19.5
5 21	16 30.69	−25 2.1	2.452	3.452	3.0	19.2
5 31	16 21.46	−25 20.7	2.424	3.436	1.3	19.1
6 10	16 12.22	−25 34.9	2.426	3.419	4.2	19.3
6 20	16 3.76	−25 45.8	2.456	3.403	7.3	19.4
6 30	15 56.79	−25 55.0	2.512	3.385	10.2	19.6

496297 2013 BZ_{75} 5 28.8 168°.07 3°.0/27.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.94	−11 43.8	2.750	3.561	10.9	22.3
5 1	16 43.24	−11 25.2	2.667	3.564	8.6	22.2
5 11	16 36.98	−11 8.7	2.608	3.567	6.0	22.0
5 21	16 29.63	−10 55.9	2.576	3.569	3.6	21.9
5 31	16 21.78	−10 48.4	2.572	3.571	3.2	21.8
6 10	16 14.12	−10 47.4	2.597	3.573	5.2	22.0
6 20	16 7.25	−10 53.6	2.649	3.575	7.8	22.1
6 30	16 1.69	−11 7.4	2.726	3.576	10.3	22.3

344530 2002 TZ_{163} 5 28.8 269°.09 3°.5/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.85	−10 56.6	2.168	2.984	13.2	20.3
5 1	16 46.15	−10 56.2	2.068	2.968	10.5	20.1
5 11	16 39.30	−11 0.3	1.991	2.951	7.4	19.9
5 21	16 30.81	−11 10.4	1.939	2.934	4.4	19.7
5 31	16 21.42	−11 27.8	1.915	2.917	3.7	19.6
6 10	16 12.07	−11 53.2	1.919	2.900	6.3	19.7
6 20	16 3.64	−12 26.7	1.949	2.883	9.7	19.9
6 30	15 56.91	−13 8.1	2.003	2.865	12.9	20.1

284516 2007 RJ_{48} 5 28.8 326°.94 2°.4/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.68	−17 6.6	1.815	2.649	14.7	20.7
5 1	16 43.98	−16 36.8	1.731	2.644	11.4	20.5
5 11	16 37.95	−16 5.0	1.669	2.639	7.7	20.3
5 21	16 30.19	−15 33.1	1.631	2.634	3.9	20.0
5 31	16 21.61	−15 4.0	1.620	2.629	2.8	19.9
6 10	16 13.27	−14 40.6	1.635	2.624	6.3	20.1
6 20	16 6.12	−14 25.5	1.675	2.620	10.2	20.4
6 30	16 0.94	−14 20.3	1.737	2.616	13.8	20.6

54468 2000 OA_{7} 5 28.8 3°.09 5°.2/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.22	−36 9.3	1.361	2.183	19.3	17.8
5 1	16 46.35	−35 55.7	1.287	2.182	15.8	17.6
5 11	16 40.06	−35 20.6	1.230	2.182	11.8	17.4
5 21	16 31.24	−34 21.4	1.194	2.183	7.6	17.1
5 31	16 21.34	−32 59.1	1.181	2.184	5.2	17.0
6 10	16 12.04	−31 19.7	1.193	2.187	7.3	17.1
6 20	16 4.74	−29 32.9	1.228	2.190	11.5	17.4
6 30	16 0.42	−27 49.1	1.285	2.195	15.6	17.6

178735 2000 TN_{13} 5 28.8 204°.53 0°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.53	−22 48.6	2.763	3.569	11.0	21.6
5 1	16 43.85	−22 40.6	2.668	3.565	8.5	21.4
5 11	16 37.47	−22 28.6	2.597	3.561	5.7	21.2
5 21	16 29.88	−22 12.8	2.553	3.556	2.6	21.0
5 31	16 21.71	−21 53.9	2.538	3.551	0.7	20.8
6 10	16 13.70	−21 33.7	2.551	3.545	3.9	21.0
6 20	16 6.52	−21 13.9	2.593	3.539	7.0	21.2
6 30	16 0.74	−20 56.7	2.660	3.533	9.8	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
177806 2005 *MU*			5 28.8 303°.97	2°.2/29.7 18		
	h m	° ′			°	m
4 21	16 48.66	−28 17.6	2.056	2.870	14.0	20.3
5 1	16 44.77	−28 22.4	1.959	2.857	11.1	20.0
5 11	16 38.53	−28 19.0	1.883	2.844	7.8	19.8
5 21	16 30.49	−28 6.1	1.832	2.831	4.2	19.6
5 31	16 21.53	−27 43.8	1.808	2.818	2.3	19.4
6 10	16 12.72	−27 13.8	1.810	2.805	5.2	19.6
6 20	16 5.04	−26 39.5	1.839	2.793	8.9	19.8
6 30	15 59.33	−26 5.0	1.891	2.781	12.3	19.9
214751 2006 TJ_{71}			5 28.8 179°.51	4°.2/30.5 16		
4 21	16 52.18	−33 34.1	2.354	3.140	13.2	20.6
5 1	16 47.26	−34 8.9	2.266	3.140	10.8	20.4
5 11	16 40.05	−34 34.5	2.200	3.141	8.0	20.3
5 21	16 31.13	−34 48.3	2.159	3.141	5.4	20.1
5 31	16 21.37	−34 48.7	2.145	3.141	4.2	20.0
6 10	16 11.80	−34 36.5	2.158	3.140	5.7	20.1
6 20	16 3.37	−34 14.2	2.198	3.140	8.3	20.3
6 30	15 56.86	−33 45.9	2.263	3.140	11.1	20.4
338495 2003 NU_1			5 28.8 330°.91	9°.0/26.7 17		
4 21	16 46.16	− 3 1.6	1.386	2.228	17.9	19.6
5 1	16 43.55	− 2 22.8	1.303	2.209	15.0	19.3
5 11	16 38.12	− 1 55.9	1.238	2.190	11.8	19.1
5 21	16 30.44	− 1 47.1	1.195	2.171	9.5	18.9
5 31	16 21.54	− 2 1.7	1.174	2.154	9.3	18.8
6 10	16 12.71	− 2 42.0	1.175	2.138	11.6	18.9
6 20	16 5.22	− 3 46.8	1.198	2.123	15.1	19.1
6 30	16 0.10	− 5 12.3	1.239	2.110	18.7	19.2
431064 2006 BK_{192}			5 28.8 111°.41	0°.4/29.0 17		
4 21	16 51.92	−23 48.6	1.982	2.798	14.3	21.9
5 1	16 46.99	−23 39.3	1.908	2.810	11.1	21.7
5 11	16 39.78	−23 24.1	1.856	2.822	7.4	21.5
5 21	16 30.95	−23 3.1	1.830	2.833	3.4	21.3
5 31	16 21.45	−22 37.4	1.831	2.844	0.9	21.1
6 10	16 12.33	−22 9.6	1.860	2.855	5.0	21.4
6 20	16 4.52	−21 42.7	1.915	2.865	8.8	21.7
6 30	15 58.71	−21 19.8	1.994	2.876	12.1	21.9
1113 Katja			5 28.8 159°.86	5°.0/31.6 18		
4 21	16 52.76	−39 25.0	2.762	3.517	12.2	15.0
5 1	16 47.40	−39 48.0	2.675	3.522	10.2	14.8
5 11	16 39.96	−39 59.2	2.609	3.526	8.0	14.7
5 21	16 31.03	−39 56.0	2.568	3.530	6.0	14.6
5 31	16 21.42	−39 37.5	2.554	3.533	5.1	14.5
6 10	16 12.08	−39 4.7	2.568	3.536	5.8	14.6
6 20	16 3.86	−38 20.7	2.609	3.539	7.7	14.7
6 30	15 57.43	−37 29.9	2.675	3.542	9.9	14.8
472783 2015 FC_{150}			5 28.8 299°.54	2°.1/28.1 17		
4 21	16 48.88	−17 6.6	1.825	2.657	14.7	21.0
5 1	16 44.99	−16 51.8	1.736	2.648	11.5	20.7
5 11	16 38.69	−16 35.9	1.670	2.639	7.8	20.5
5 21	16 30.57	−16 20.3	1.627	2.630	3.8	20.2
5 31	16 21.54	−16 7.0	1.611	2.621	2.4	20.1
6 10	16 12.68	−15 58.0	1.622	2.613	6.1	20.3
6 20	16 5.00	−15 55.4	1.657	2.604	10.2	20.5
6 30	15 59.32	−16 0.8	1.715	2.596	13.8	20.7
507558 2013 AW_{22}			5 28.8 164°.24	10°.1/24.1 18		
4 21	16 48.07	+13 6.0	2.666	3.406	13.0	21.2
5 1	16 43.34	+13 57.9	2.604	3.408	11.7	21.1
5 11	16 37.04	+14 34.3	2.563	3.411	10.6	21.0
5 21	16 29.66	+14 51.1	2.543	3.413	10.1	20.9
5 31	16 21.82	+14 45.3	2.548	3.414	10.2	21.0
6 10	16 14.21	+14 16.4	2.575	3.416	11.0	21.0
6 20	16 7.46	+13 25.8	2.625	3.417	12.2	21.1
6 30	16 2.06	+12 16.3	2.695	3.419	13.5	21.2
482118 2010 NH_{98}			5 28.8 289°.59	2°.5/28.3 17		
4 21	16 53.32	−12 10.0	2.387	3.193	12.5	21.0
5 1	16 48.08	−12 30.4	2.266	3.160	9.9	20.7
5 11	16 40.68	−12 56.0	2.167	3.127	6.9	20.5
5 21	16 31.51	−13 27.2	2.096	3.094	3.8	20.2
5 31	16 21.26	−14 4.3	2.054	3.060	2.7	20.1
6 10	16 10.83	−14 47.1	2.041	3.026	5.6	20.2
6 20	16 1.12	−15 35.2	2.056	2.992	9.1	20.4
6 30	15 52.97	−16 28.2	2.097	2.957	12.5	20.5
314179 2005 GF_{126}			5 28.8 43°.38	0°.6/29.0 17		
4 21	16 51.87	−23 1.0	1.299	2.145	18.7	20.5
5 1	16 48.08	−23 8.1	1.238	2.156	14.6	20.3
5 11	16 41.07	−23 9.3	1.195	2.167	9.8	20.0
5 21	16 31.68	−23 4.0	1.175	2.179	4.5	19.7
5 31	16 21.28	−22 52.8	1.178	2.192	1.3	19.5
6 10	16 11.45	−22 38.5	1.206	2.204	6.5	19.9
6 20	16 3.50	−22 24.5	1.258	2.218	11.4	20.2
6 30	15 58.38	−22 14.8	1.330	2.231	15.7	20.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
253596 2003 TM_{18}			5 28.8 224°.85	0°.9/29.2 17		
	h m	° ′			°	m
4 21	16 54.61	−24 54.9	1.987	2.797	14.5	21.6
5 1	16 49.42	−24 52.5	1.888	2.786	11.5	21.4
5 11	16 41.67	−24 43.4	1.811	2.774	7.8	21.2
5 21	16 31.94	−24 27.0	1.760	2.761	3.7	20.9
5 31	16 21.19	−24 3.4	1.735	2.748	1.2	20.7
6 10	16 10.57	−23 34.7	1.739	2.734	5.3	20.9
6 20	16 1.19	−23 4.5	1.770	2.719	9.5	21.1
6 30	15 53.92	−22 36.5	1.824	2.704	13.2	21.3
514366 2016 QR_{83}			5 28.8 239°.60	3°.7/30.9 18		
4 21	16 51.97	−35 32.4	2.868	3.637	11.5	22.2
5 1	16 46.76	−35 39.8	2.758	3.620	9.5	22.0
5 11	16 39.56	−35 37.0	2.670	3.604	7.1	21.8
5 21	16 30.89	−35 22.1	2.608	3.586	4.9	21.7
5 31	16 21.49	−34 54.5	2.574	3.569	3.7	21.6
6 10	16 12.21	−34 15.4	2.569	3.550	4.9	21.6
6 20	16 3.87	−33 27.7	2.592	3.531	7.3	21.7
6 30	15 57.14	−32 35.3	2.640	3.512	9.9	21.9
416502 2003 YT_7			5 28.8 259°.59	5°.3/25.2 18		
4 21	16 42.06	+ 6 35.4	4.467	5.223	7.9	20.8
5 1	16 38.16	+ 6 52.5	4.389	5.221	6.8	20.7
5 11	16 33.37	+ 7 1.8	4.334	5.219	5.9	20.6
5 21	16 27.98	+ 7 1.6	4.305	5.217	5.3	20.6
5 31	16 22.32	+ 6 50.7	4.303	5.214	5.4	20.6
6 10	16 16.76	+ 6 28.8	4.328	5.212	6.0	20.6
6 20	16 11.64	+ 5 56.1	4.378	5.210	7.0	20.7
6 30	16 7.26	+ 5 13.6	4.452	5.208	8.1	20.8
313310 2002 EW_{10}			5 28.9 193°.73	12°.6/ 2.2 14	C	
4 21	17 13.81	−55 20.9	2.187	2.850	17.4	21.8
5 1	17 6.45	−57 2.3	2.103	2.848	15.9	21.7
5 11	16 54.32	−58 25.0	2.037	2.845	14.5	21.5
5 21	16 38.08	−59 19.1	1.991	2.841	13.2	21.4
5 31	16 19.45	−59 36.5	1.966	2.836	12.6	21.4
6 10	16 0.96	−59 14.9	1.964	2.831	12.9	21.4
6 20	15 45.02	−58 18.9	1.984	2.824	13.9	21.4
6 30	15 33.32	−56 58.0	2.025	2.816	15.4	21.5
473228 2015 KW_{147}			5 28.9 263°.70	7°.1/25.0 18		
4 21	16 46.75	− 1 27.7	2.389	3.193	12.5	21.0
5 1	16 42.66	− 0 28.6	2.300	3.178	10.5	20.8
5 11	16 36.81	+ 0 23.6	2.233	3.163	8.5	20.6
5 21	16 29.66	+ 1 4.7	2.192	3.147	7.3	20.5
5 31	16 21.86	+ 1 30.9	2.176	3.132	7.4	20.5
6 10	16 14.17	+ 1 39.6	2.186	3.116	9.0	20.6
6 20	16 7.30	+ 1 30.3	2.221	3.100	11.2	20.7
6 30	16 1.86	+ 1 3.8	2.277	3.083	13.4	20.8
100848 1998 HE_{29}			5 28.9 38°.54	5°.6/30.3 17		
4 21	16 54.45	−32 5.3	1.365	2.189	19.2	19.1
5 1	16 50.50	−32 57.7	1.297	2.195	15.6	18.8
5 11	16 42.97	−33 38.4	1.247	2.201	11.5	18.6
5 21	16 32.67	−34 2.2	1.218	2.208	7.5	18.4
5 31	16 21.03	−34 5.7	1.214	2.214	5.7	18.3
6 10	16 9.83	−33 50.2	1.233	2.222	8.0	18.4
6 20	16 0.66	−33 20.5	1.275	2.229	11.9	18.7
6 30	15 54.64	−32 44.1	1.338	2.237	15.8	18.9
318570 2005 GT_{136}			5 28.9 330°.88	3°.0/28.2 17		
4 21	16 47.39	−15 33.3	1.239	2.098	18.6	20.2
5 1	16 45.00	−15 28.4	1.157	2.083	14.7	19.9
5 11	16 39.37	−15 25.3	1.094	2.069	10.1	19.6
5 21	16 31.12	−15 26.2	1.052	2.056	5.1	19.3
5 31	16 21.43	−15 32.9	1.033	2.043	3.4	19.2
6 10	16 11.87	−15 47.5	1.037	2.032	8.0	19.4
6 20	16 3.89	−16 11.3	1.063	2.021	13.2	19.6
6 30	15 58.71	−16 44.8	1.108	2.012	17.9	19.9
304766 2007 DW_{14}			5 28.9 140°.91	1°.1/29.4 17		
4 21	16 49.20	−25 39.9	2.834	3.633	10.9	22.1
5 1	16 44.32	−25 46.0	2.750	3.641	8.5	22.0
5 11	16 37.76	−25 47.2	2.690	3.649	5.8	21.8
5 21	16 30.04	−25 43.0	2.657	3.657	2.9	21.6
5 31	16 21.80	−25 33.9	2.653	3.664	1.2	21.5
6 10	16 13.77	−25 20.8	2.678	3.672	3.8	21.7
6 20	16 6.60	−25 5.7	2.731	3.678	6.6	21.9
6 30	16 0.86	−24 50.8	2.809	3.685	9.2	22.1
148366 2000 SM_{100}			5 28.9 208°.59	4°.1/31.1 18		
4 21	16 51.54	−36 18.5	2.804	3.572	11.8	21.0
5 1	16 46.43	−36 32.7	2.706	3.567	9.7	20.9
5 11	16 39.34	−36 36.6	2.631	3.561	7.4	20.7
5 21	16 30.81	−36 28.1	2.581	3.556	5.2	20.5
5 31	16 21.59	−36 6.5	2.558	3.549	4.1	20.5
6 10	16 12.56	−35 32.9	2.564	3.543	5.1	20.5
6 20	16 4.53	−34 50.4	2.598	3.536	7.4	20.7
6 30	15 58.16	−34 2.7	2.657	3.529	9.8	20.8

268035 2004 PF_{40} 5 28.9 317°.49 11°.3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 45.42	− 0 15.6	1.474	2.308	17.5	19.6
5 1	16 42.78	+ 1 19.2	1.393	2.287	15.0	19.3
5 11	16 37.51	+ 2 44.8	1.331	2.266	12.7	19.1
5 21	16 30.17	+ 3 52.7	1.291	2.246	11.3	19.0
5 31	16 21.73	+ 4 34.7	1.272	2.226	11.8	19.0
6 10	16 13.41	+ 4 45.4	1.276	2.207	13.9	19.0
6 20	16 6.32	+ 4 24.1	1.299	2.188	16.8	19.2
6 30	16 1.44	+ 3 33.2	1.340	2.171	19.8	19.3

412014 2013 AE_{17} 5 28.9 331°.97 1°.9/29.8 18

4 21	16 48.61	−28 42.5	2.103	2.914	13.8	20.4
5 1	16 44.56	−28 30.8	2.014	2.911	10.9	20.2
5 11	16 38.27	−28 9.6	1.948	2.908	7.6	20.0
5 21	16 30.37	−27 38.5	1.906	2.905	4.0	19.8
5 31	16 21.72	−26 58.2	1.891	2.902	2.0	19.6
6 10	16 13.34	−26 11.7	1.904	2.899	4.9	19.8
6 20	16 6.13	−25 22.8	1.943	2.897	8.5	20.0
6 30	16 0.83	−24 35.9	2.006	2.894	11.8	20.2

395965 2013 AS_{179} 5 28.9 15°.63 1°.2/28.2 18

4 21	16 46.84	−21 32.1	2.025	2.853	13.6	20.5
5 1	16 43.04	−20 44.0	1.945	2.855	10.6	20.3
5 11	16 37.16	−19 49.6	1.888	2.858	7.0	20.1
5 21	16 29.83	−18 51.0	1.857	2.861	3.2	19.8
5 31	16 21.87	−17 51.4	1.852	2.864	1.7	19.7
6 10	16 14.25	−16 54.9	1.875	2.867	5.3	20.0
6 20	16 7.76	−16 5.2	1.924	2.871	9.0	20.2
6 30	16 3.06	−15 25.3	1.997	2.875	12.3	20.4

166108 2002 CB_{174} 5 28.9 138°.87 0°.2/28.8 17

4 21	16 55.01	−21 31.9	1.625	2.450	16.5	21.0
5 1	16 49.96	−21 32.0	1.551	2.458	12.9	20.8
5 11	16 42.09	−21 27.9	1.497	2.465	8.6	20.5
5 21	16 32.13	−21 19.5	1.468	2.472	3.9	20.3
5 31	16 21.24	−21 7.5	1.465	2.478	1.1	20.1
6 10	16 10.74	−20 54.0	1.489	2.484	5.9	20.4
6 20	16 1.81	−20 42.1	1.538	2.490	10.4	20.7
6 30	15 55.33	−20 34.7	1.609	2.495	14.3	20.9

19843 2000 SM_{309} 5 28.9 250°.20 1°.2/28.4 18

4 21	16 53.64	−20 5.8	1.826	2.648	15.1	19.7
5 1	16 48.90	−19 44.7	1.723	2.629	11.9	19.4
5 11	16 41.48	−19 19.0	1.642	2.609	8.0	19.1
5 21	16 31.95	−18 49.4	1.585	2.589	3.7	18.8
5 31	16 21.25	−18 17.7	1.555	2.567	1.8	18.6
6 10	16 10.60	−17 46.9	1.553	2.545	6.2	18.9
6 20	16 1.16	−17 20.5	1.576	2.523	10.7	19.1
6 30	15 53.89	−17 1.9	1.623	2.499	14.7	19.3

356528 2011 SZ_{104} 5 28.9 155°.52 0°.8/29.3 17

4 21	16 48.77	−25 41.4	2.480	3.287	12.0	21.3
5 1	16 44.22	−25 26.6	2.394	3.290	9.4	21.1
5 11	16 37.82	−25 5.3	2.331	3.293	6.4	20.9
5 21	16 30.10	−24 37.7	2.293	3.295	3.0	20.7
5 31	16 21.81	−24 4.8	2.285	3.297	1.0	20.5
6 10	16 13.77	−23 29.0	2.304	3.300	4.2	20.8
6 20	16 6.71	−22 53.0	2.352	3.301	7.4	21.0
6 30	16 1.25	−22 19.7	2.424	3.303	10.3	21.2

64827 2001 XH_{244} 5 28.9 173°.69 2°.4/28.2 18

4 21	16 53.68	−14 8.8	2.100	2.914	13.7	19.5
5 1	16 48.28	−14 13.0	2.017	2.917	10.7	19.3
5 11	16 40.67	−14 19.6	1.956	2.919	7.3	19.1
5 21	16 31.45	−14 29.3	1.920	2.920	3.8	18.9
5 31	16 21.44	−14 42.8	1.913	2.921	2.6	18.8
6 10	16 11.64	−15 0.8	1.935	2.922	5.7	19.0
6 20	16 2.96	−15 23.7	1.983	2.922	9.3	19.2
6 30	15 56.12	−15 52.1	2.056	2.921	12.5	19.4

368373 2002 RN_{22} 5 28.9 295°.68 0°.9/28.6 18

4 21	16 50.09	−20 41.4	1.494	2.335	16.9	21.2
5 1	16 46.76	−20 28.4	1.397	2.313	13.4	20.9
5 11	16 40.41	−20 10.5	1.319	2.291	9.1	20.6
5 21	16 31.59	−19 48.2	1.265	2.270	4.2	20.3
5 31	16 21.37	−19 23.3	1.235	2.248	1.6	20.0
6 10	16 11.16	−18 58.7	1.231	2.227	6.8	20.3
6 20	16 2.34	−18 38.4	1.250	2.205	11.9	20.5
6 30	15 56.05	−18 26.0	1.289	2.184	16.5	20.7

130178 2000 AD_{39} 5 28.9 198°.72 1°.6/28.2 18

4 21	16 50.84	−16 39.7	2.653	3.460	11.3	20.9
5 1	16 45.67	−16 31.5	2.558	3.456	8.8	20.7
5 11	16 38.75	−16 22.8	2.488	3.451	5.9	20.5
5 21	16 30.54	−16 14.4	2.445	3.446	2.9	20.3
5 31	16 21.71	−16 7.4	2.431	3.440	1.9	20.2
6 10	16 13.02	−16 3.1	2.446	3.434	4.6	20.4
6 20	16 5.17	−16 2.7	2.489	3.427	7.7	20.6
6 30	15 58.77	−16 7.3	2.558	3.419	10.5	20.8

58748 1998 FB_9 5 28.9 146°.84 0°.6/28.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.18	−20 11.9	2.592	3.403	11.5	20.2
5 1	16 44.39	−20 5.5	2.509	3.409	8.9	20.1
5 11	16 37.87	−19 56.7	2.450	3.416	5.9	19.9
5 21	16 30.13	−19 45.9	2.418	3.422	2.7	19.7
5 31	16 21.85	−19 34.0	2.415	3.427	1.0	19.5
6 10	16 13.79	−19 22.5	2.440	3.433	4.2	19.8
6 20	16 6.63	−19 13.0	2.493	3.438	7.3	20.0
6 30	16 0.95	−19 7.2	2.571	3.443	10.1	20.2

520218 2014 DC_{152} 5 28.9 38°.62 1°.4/28.3 17

4 21	16 47.82	−18 41.5	2.098	2.924	13.3	21.4
5 1	16 43.75	−18 22.7	2.019	2.927	10.3	21.2
5 11	16 37.64	−18 1.7	1.962	2.931	6.9	21.0
5 21	16 30.08	−17 39.5	1.931	2.934	3.2	20.8
5 31	16 21.86	−17 18.2	1.927	2.938	1.8	20.7
6 10	16 13.91	−16 59.8	1.951	2.942	5.2	20.9
6 20	16 7.05	−16 46.4	2.000	2.947	8.7	21.1
6 30	16 1.91	−16 39.7	2.073	2.951	11.9	21.4

188574 2004 YC_{22} 5 28.9 107°.10 3°.4/26.2 18

4 21	16 40.30	− 4 15.2	4.470	5.266	7.2	20.9
5 1	16 36.85	− 3 54.3	4.390	5.270	5.9	20.8
5 11	16 32.55	− 3 37.3	4.336	5.273	4.5	20.7
5 21	16 27.67	− 3 25.6	4.309	5.276	3.6	20.6
5 31	16 22.53	− 3 20.4	4.310	5.280	3.5	20.6
6 10	16 17.49	− 3 22.3	4.339	5.283	4.5	20.7
6 20	16 12.88	− 3 31.6	4.395	5.287	5.8	20.8
6 30	16 8.98	− 3 48.0	4.476	5.290	7.2	20.9

106317 2000 UK_{96} 5 28.9 230°.13 0°.5/29.2 18

4 21	16 48.52	−25 9.4	2.559	3.366	11.7	20.0
5 1	16 44.05	−24 49.4	2.462	3.359	9.2	19.8
5 11	16 37.74	−24 22.9	2.389	3.352	6.2	19.6
5 21	16 30.11	−23 50.3	2.343	3.345	2.9	19.4
5 31	16 21.86	−23 12.7	2.324	3.337	0.8	19.2
6 10	16 13.80	−22 32.6	2.335	3.330	4.2	19.4
6 20	16 6.65	−21 52.7	2.373	3.322	7.4	19.6
6 30	16 1.05	−21 16.1	2.436	3.313	10.4	19.8

395228 2010 MW_{19} 5 28.9 272°.91 7°.8/23.3 18

4 21	16 46.46	+ 1 9.6	2.601	3.393	11.9	20.8
5 1	16 42.37	+ 2 28.5	2.503	3.368	10.2	20.6
5 11	16 36.63	+ 3 41.0	2.430	3.343	8.7	20.4
5 21	16 29.63	+ 4 42.3	2.381	3.317	7.8	20.3
5 31	16 21.98	+ 5 28.0	2.359	3.291	8.2	20.3
6 10	16 14.38	+ 5 55.1	2.362	3.265	9.6	20.4
6 20	16 7.49	+ 6 2.3	2.389	3.238	11.5	20.4
6 30	16 1.90	+ 5 50.2	2.437	3.211	13.5	20.5

425158 2009 SC_{357} 5 28.9 15°.91 3°.1/29.3 17

4 21	16 55.01	−25 27.9	1.624	2.446	16.7	20.4
5 1	16 50.37	−26 32.4	1.545	2.447	13.3	20.2
5 11	16 42.67	−27 34.1	1.487	2.449	9.3	19.9
5 21	16 32.56	−28 28.9	1.453	2.451	5.1	19.7
5 31	16 21.17	−29 13.2	1.444	2.453	3.2	19.6
6 10	16 9.95	−29 45.9	1.463	2.455	6.4	19.8
6 20	16 0.26	−30 8.0	1.506	2.458	10.6	20.0
6 30	15 53.17	−30 23.1	1.572	2.461	14.4	20.2

321838 2010 RY_{103} 5 28.9 350°.32 1°.3/28.4 17

4 21	16 51.35	−20 27.5	1.520	2.358	16.9	21.2
5 1	16 47.34	−20 2.7	1.443	2.358	13.2	20.9
5 11	16 40.47	−19 32.8	1.386	2.357	8.8	20.7
5 21	16 31.48	−18 59.1	1.353	2.357	4.0	20.4
5 31	16 21.49	−18 24.3	1.345	2.357	1.9	20.2
6 10	16 11.87	−17 51.9	1.363	2.357	6.5	20.5
6 20	16 3.79	−17 25.9	1.405	2.357	11.2	20.8
6 30	15 58.16	−17 9.2	1.468	2.357	15.2	21.0

371103 2005 VR_{15} 5 28.9 163°.00 7°.1/25.5 17

4 21	16 50.34	− 1 44.9	2.292	3.091	13.2	21.4
5 1	16 45.34	− 0 45.2	2.221	3.097	10.9	21.3
5 11	16 38.53	+ 0 6.7	2.173	3.102	8.7	21.1
5 21	16 30.43	+ 0 46.6	2.150	3.107	7.3	21.1
5 31	16 21.80	+ 1 10.9	2.153	3.111	7.4	21.1
6 10	16 13.43	+ 1 17.5	2.183	3.114	8.9	21.2
6 20	16 6.04	+ 1 6.5	2.238	3.117	11.1	21.3
6 30	16 0.22	+ 0 39.0	2.315	3.120	13.3	21.5

421112 2013 QX_{69} 5 28.9 333°.13 7°.3/ 1.7 18

4 21	16 48.36	−40 23.9	1.249	2.066	21.0	19.5
5 1	16 46.48	−40 12.1	1.161	2.049	17.7	19.2
5 11	16 40.68	−39 32.0	1.089	2.033	13.9	18.9
5 21	16 31.80	−38 17.9	1.037	2.018	9.9	18.6
5 31	16 21.40	−36 28.6	1.007	2.004	7.4	18.5
6 10	16 11.50	−34 10.4	1.000	1.992	8.8	18.5
6 20	16 3.83	−31 36.3	1.016	1.980	12.9	18.7
6 30	15 59.57	−29 1.8	1.052	1.970	17.5	18.9

261137 2005 TZ_{55} 5 28.9 298°.55 2°.6/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.98	−27 44.5	2.233	3.039	13.3	20.2
5 1	16 46.45	−28 21.8	2.140	3.032	10.6	20.0
5 11	16 39.64	−28 53.9	2.069	3.025	7.4	19.8
5 21	16 31.08	−29 18.7	2.023	3.018	4.2	19.6
5 31	16 21.60	−29 34.7	2.005	3.012	2.7	19.5
6 10	16 12.20	−29 42.1	2.014	3.005	5.1	19.6
6 20	16 3.86	−29 42.4	2.050	2.999	8.4	19.8
6 30	15 57.37	−29 38.6	2.110	2.993	11.5	20.0

96971 1999 TB_{193} 5 28.9 133°.22 3°.5/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.65	−33 15.9	2.505	3.283	12.7	20.2
5 1	16 48.85	−33 32.4	2.427	3.298	10.3	20.1
5 11	16 40.93	−33 38.9	2.371	3.313	7.5	19.9
5 21	16 31.53	−33 33.8	2.342	3.326	4.8	19.8
5 31	16 21.51	−33 16.6	2.340	3.340	3.5	19.7
6 10	16 11.83	−32 48.7	2.367	3.352	5.0	19.8
6 20	16 3.34	−32 13.2	2.422	3.364	7.6	20.0
6 30	15 56.71	−31 34.4	2.502	3.376	10.3	20.2

397041 2005 UL_{68} 5 28.9 212°.35 5°.5/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.11	− 3 0.8	3.000	3.797	10.4	22.1
5 1	16 41.77	− 2 6.6	2.914	3.790	8.6	22.0
5 11	16 36.04	− 1 17.4	2.851	3.783	6.8	21.9
5 21	16 29.32	− 0 36.4	2.816	3.775	5.7	21.8
5 31	16 22.14	− 0 6.2	2.807	3.767	5.8	21.8
6 10	16 15.09	+ 0 11.0	2.826	3.758	7.1	21.9
6 20	16 8.72	+ 0 14.7	2.871	3.749	9.0	22.0
6 30	16 3.48	+ 0 5.1	2.940	3.740	10.9	22.1

121544 1999 VJ_{1} 5 28.9 233°.41 1°.8/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.94	−17 28.7	2.656	3.472	11.1	20.5
5 1	16 42.69	−16 55.1	2.562	3.464	8.6	20.3
5 11	16 36.78	−16 19.3	2.491	3.456	5.8	20.1
5 21	16 29.69	−15 42.8	2.447	3.448	2.9	19.9
5 31	16 22.05	−15 7.7	2.432	3.440	2.1	19.9
6 10	16 14.56	−14 36.3	2.445	3.432	4.8	20.0
6 20	16 7.87	−14 10.7	2.486	3.423	7.7	20.2
6 30	16 2.56	−13 52.5	2.552	3.415	10.5	20.4

177249 2003 WL_{11} 5 28.9 269°.43 4°.0/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.72	−31 36.2	1.619	2.432	17.1	20.7
5 1	16 49.62	−31 49.4	1.524	2.418	13.9	20.4
5 11	16 42.32	−31 50.3	1.448	2.403	10.1	20.2
5 21	16 32.48	−31 35.6	1.395	2.388	6.1	19.9
5 31	16 21.27	−31 3.9	1.368	2.373	4.0	19.7
6 10	16 10.21	−30 17.4	1.365	2.358	6.8	19.8
6 20	16 0.75	−29 21.4	1.388	2.343	11.0	20.0
6 30	15 53.99	−28 23.1	1.433	2.328	15.2	20.3

105691 2000 SK_{60} 5 28.9 166°.06 0°.1/28.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.80	−22 4.8	2.740	3.547	11.0	20.4
5 1	16 44.05	−21 54.9	2.653	3.550	8.6	20.3
5 11	16 37.65	−21 41.3	2.590	3.554	5.7	20.1
5 21	16 30.07	−21 24.5	2.553	3.557	2.6	19.9
5 31	16 21.96	−21 5.3	2.546	3.559	0.7	19.7
6 10	16 14.05	−20 45.5	2.568	3.561	3.9	20.0
6 20	16 7.00	−20 26.7	2.617	3.563	7.0	20.2
6 30	16 1.36	−20 11.2	2.692	3.565	9.7	20.3

209822 2005 GM_{111} 5 28.9 289°.24 0°.3/29.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.12	−23 13.8	2.006	2.828	13.9	21.1
5 1	16 45.11	−23 7.9	1.912	2.817	10.9	20.8
5 11	16 38.80	−22 56.7	1.839	2.806	7.4	20.6
5 21	16 30.73	−22 40.2	1.791	2.795	3.4	20.3
5 31	16 21.77	−22 19.2	1.771	2.784	0.9	20.1
6 10	16 12.97	−21 56.0	1.777	2.773	5.1	20.4
6 20	16 5.28	−21 33.2	1.810	2.762	9.1	20.6
6 30	15 59.51	−21 14.1	1.866	2.752	12.6	20.8

238251 2003 UN_{294} 5 28.9 176°.55 3°.8/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.52	−32 7.8	2.233	3.024	13.7	21.2
5 1	16 48.42	−32 36.4	2.145	3.025	11.1	21.1
5 11	16 40.93	−32 55.9	2.080	3.026	8.1	20.9
5 21	16 31.66	−33 3.9	2.039	3.026	5.2	20.7
5 31	16 21.53	−32 59.1	2.026	3.027	3.8	20.6
6 10	16 11.62	−32 42.4	2.040	3.027	5.5	20.7
6 20	16 2.91	−32 16.7	2.081	3.026	8.5	20.9
6 30	15 56.22	−31 46.3	2.147	3.026	11.5	21.1

94135 2000 YB_{119} 5 28.9 257°.50 7°.5/25.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.49	− 2 52.3	2.064	2.874	14.0	19.9
5 1	16 45.15	− 1 55.1	1.973	2.857	11.7	19.7
5 11	16 38.71	− 1 4.6	1.903	2.840	9.3	19.5
5 21	16 30.67	− 0 25.8	1.858	2.822	7.7	19.3
5 31	16 21.79	− 0 2.9	1.838	2.804	7.8	19.3
6 10	16 13.01	+ 0 1.1	1.844	2.786	9.6	19.4
6 20	16 5.20	− 0 14.5	1.875	2.767	12.3	19.5
6 30	15 59.08	− 0 48.5	1.927	2.748	15.0	19.7

208202 2000 RK_{75} 5 28.9 281°.58 8°.1/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 55.89	−38 6.9	1.517	2.314	18.8	20.4
5 1	16 52.08	−39 1.9	1.422	2.296	15.9	20.1
5 11	16 44.47	−39 42.4	1.344	2.278	12.6	19.9
5 21	16 33.64	−40 1.5	1.288	2.259	9.6	19.6
5 31	16 20.94	−39 53.5	1.255	2.241	8.1	19.5
6 10	16 8.25	−39 17.9	1.246	2.222	9.6	19.5
6 20	15 57.42	−38 19.8	1.260	2.204	13.0	19.7
6 30	15 49.89	−37 8.5	1.294	2.185	16.8	19.9

300893 2008 BY_{16} 5 28.9 84°.72 3°.5/30.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.89	−32 45.2	2.247	3.040	13.6	20.6
5 1	16 46.24	−32 54.4	2.167	3.048	10.9	20.4
5 11	16 39.37	−32 53.0	2.108	3.055	7.9	20.2
5 21	16 30.91	−32 39.6	2.074	3.063	5.0	20.0
5 31	16 21.77	−32 13.9	2.068	3.070	3.5	19.9
6 10	16 12.95	−31 37.8	2.089	3.078	5.2	20.1
6 20	16 5.36	−30 55.1	2.136	3.085	8.1	20.3
6 30	15 59.68	−30 10.0	2.208	3.092	11.0	20.5

513078 2017 WF_{21} 5 28.9 218°.93 1°.5/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.07	−27 5.6	1.951	2.765	14.6	21.0
5 1	16 46.65	−26 58.4	1.865	2.764	11.5	20.8
5 11	16 39.81	−26 42.6	1.800	2.762	7.9	20.5
5 21	16 31.17	−26 17.6	1.760	2.760	4.0	20.3
5 31	16 21.69	−25 44.2	1.746	2.758	1.7	20.1
6 10	16 12.49	−25 5.1	1.760	2.756	5.1	20.4
6 20	16 4.58	−24 24.2	1.800	2.754	9.0	20.6
6 30	15 58.74	−23 45.7	1.864	2.752	12.6	20.8

228564 2001 XP_{187} 5 28.9 242°.13 2°.1/28.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.63	−16 26.0	2.026	2.846	13.9	20.9
5 1	16 46.97	−16 13.8	1.929	2.834	10.9	20.7
5 11	16 40.01	−16 1.1	1.855	2.821	7.4	20.4
5 21	16 31.29	−15 49.1	1.807	2.808	3.7	20.2
5 31	16 21.66	−15 39.4	1.786	2.795	2.4	20.1
6 10	16 12.12	−15 33.8	1.792	2.781	5.9	20.3
6 20	16 3.65	−15 34.0	1.825	2.767	9.7	20.5
6 30	15 57.05	−15 41.5	1.881	2.753	13.2	20.6

311492 2005 WD_{4} 5 28.9 249°.58 4°.6/27.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.64	− 5 48.2	2.497	3.299	12.1	20.5
5 1	16 45.63	− 5 48.5	2.404	3.290	9.8	20.3
5 11	16 38.82	− 5 56.0	2.334	3.282	7.3	20.2
5 21	16 30.67	− 6 12.4	2.291	3.273	5.1	20.0
5 31	16 21.84	− 6 39.0	2.275	3.264	4.8	20.0
6 10	16 13.11	− 7 16.1	2.288	3.255	6.5	20.1
6 20	16 5.20	− 8 3.0	2.328	3.245	9.1	20.2
6 30	15 58.75	− 8 58.6	2.393	3.236	11.7	20.4

350227 2012 TK_{12} 5 28.9 261°.10 1°.8/28.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.01	−18 16.4	2.045	2.869	13.6	21.2
5 1	16 44.85	−17 49.2	1.954	2.861	10.6	21.0
5 11	16 38.53	−17 19.1	1.885	2.853	7.1	20.8
5 21	16 30.60	−16 47.6	1.841	2.844	3.5	20.5
5 31	16 21.87	−16 17.2	1.825	2.835	2.2	20.4
6 10	16 13.32	−15 50.4	1.836	2.827	5.6	20.6
6 20	16 5.85	−15 29.8	1.873	2.818	9.4	20.8
6 30	16 0.18	−15 17.6	1.934	2.809	12.8	21.0

202925 1998 QF_{29} 5 28.9 269°.45 1°.9/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.24	−28 2.5	2.110	2.918	13.8	21.0
5 1	16 46.83	−27 58.5	2.004	2.898	11.0	20.8
5 11	16 40.01	−27 45.8	1.919	2.878	7.7	20.6
5 21	16 31.33	−27 23.2	1.859	2.858	4.1	20.3
5 31	16 21.66	−26 51.0	1.827	2.838	2.0	20.1
6 10	16 12.07	−26 11.2	1.822	2.817	5.1	20.3
6 20	16 3.58	−25 27.6	1.844	2.796	9.0	20.5
6 30	15 57.06	−24 44.7	1.890	2.775	12.5	20.6

429504 2011 BN_{9} 5 28.9 189°.01 0°.3/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.45	−21 31.0	2.086	2.899	13.8	22.7
5 1	16 48.26	−21 25.7	1.998	2.898	10.8	22.5
5 11	16 40.78	−21 16.5	1.932	2.897	7.2	22.3
5 21	16 31.60	−21 3.6	1.892	2.895	3.3	22.0
5 31	16 21.61	−20 47.6	1.880	2.893	1.0	21.8
6 10	16 11.84	−20 30.6	1.896	2.890	5.1	22.1
6 20	16 3.23	−20 15.0	1.939	2.886	8.9	22.3
6 30	15 56.55	−20 3.4	2.006	2.882	12.3	22.5

437141 2012 VK_{10} 5 28.9 262°.30 1°.7/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.89	−26 20.0	2.097	2.908	13.8	22.0
5 1	16 46.48	−26 30.5	2.001	2.898	10.9	21.8
5 11	16 39.73	−26 34.8	1.927	2.888	7.5	21.6
5 21	16 31.18	−26 31.6	1.878	2.878	3.9	21.3
5 31	16 21.71	−26 20.8	1.856	2.867	1.8	21.2
6 10	16 12.36	−26 3.7	1.861	2.856	5.0	21.3
6 20	16 4.14	−25 43.0	1.893	2.846	8.8	21.6
6 30	15 57.84	−25 22.1	1.949	2.835	12.2	21.7

155116 Verkhivnya 5 28.9 207°.78 3°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.83	−33 42.5	3.082	3.854	10.7	21.6
5 1	16 45.71	−33 58.0	2.981	3.848	8.7	21.5
5 11	16 38.83	−34 5.4	2.904	3.842	6.4	21.3
5 21	16 30.66	−34 3.0	2.853	3.835	4.3	21.2
5 31	16 21.86	−33 50.4	2.830	3.827	3.2	21.1
6 10	16 13.19	−33 28.4	2.837	3.820	4.4	21.2
6 20	16 5.37	−32 59.1	2.871	3.811	6.7	21.3
6 30	15 58.98	−32 25.6	2.932	3.803	9.0	21.4

353728 2011 WD_{98} 5 28.9 264°.00 0°.9/28.5 18

4 21	16 48.14	−19 12.7	2.368	3.186	12.2	21.1
5 1	16 43.89	−19 6.0	2.276	3.180	9.5	20.9
5 11	16 37.75	−18 57.4	2.207	3.174	6.3	20.7
5 21	16 30.21	−18 47.5	2.165	3.168	2.9	20.5
5 31	16 21.98	−18 37.3	2.150	3.162	1.3	20.3
6 10	16 13.90	−18 28.3	2.163	3.155	4.7	20.6
6 20	16 6.74	−18 22.2	2.203	3.149	8.1	20.8
6 30	16 1.15	−18 20.7	2.267	3.143	11.1	21.0

244635 2003 DR_2 5 28.9 117°.61 2°.1/28.3 16

4 21	16 53.52	−18 29.0	1.409	2.249	17.8	21.1
5 1	16 49.16	−18 4.8	1.339	2.254	13.9	20.9
5 11	16 41.77	−17 37.6	1.288	2.259	9.4	20.6
5 21	16 32.13	−17 9.1	1.261	2.264	4.5	20.4
5 31	16 21.48	−16 42.0	1.258	2.269	2.6	20.3
6 10	16 11.27	−16 19.9	1.281	2.274	7.1	20.5
6 20	16 2.77	−16 5.9	1.327	2.278	11.8	20.8
6 30	15 56.91	−16 2.2	1.395	2.282	16.0	21.1

277937 2006 OK_{29} 5 28.9 141°.74 2°.4/28.1 17

4 21	16 53.55	−16 40.4	1.710	2.537	15.7	21.1
5 1	16 48.62	−16 21.1	1.636	2.544	12.3	20.9
5 11	16 41.13	−16 0.9	1.584	2.551	8.3	20.7
5 21	16 31.78	−15 41.5	1.555	2.557	4.1	20.5
5 31	16 21.59	−15 24.9	1.554	2.563	2.8	20.4
6 10	16 11.77	−15 13.6	1.579	2.569	6.4	20.6
6 20	16 3.36	−15 9.6	1.629	2.574	10.5	20.9
6 30	15 57.17	−15 14.4	1.702	2.578	14.2	21.1

246255 2007 TR_{12} 5 28.9 204°.02 0°.6/28.7 17

4 21	16 54.83	−20 59.8	1.970	2.784	14.5	21.9
5 1	16 49.52	−20 49.6	1.878	2.779	11.3	21.7
5 11	16 41.73	−20 35.4	1.808	2.773	7.6	21.4
5 21	16 32.08	−20 17.3	1.764	2.767	3.4	21.2
5 31	16 21.50	−19 56.5	1.747	2.760	1.2	21.0
6 10	16 11.11	−19 35.3	1.758	2.752	5.4	21.3
6 20	16 1.95	−19 16.3	1.796	2.743	9.6	21.5
6 30	15 54.85	−19 2.5	1.858	2.733	13.2	21.7

249818 2001 FT_{114} 5 28.9 56°.63 1°.4/29.3 18

4 21	16 53.49	−24 27.1	1.374	2.212	18.3	20.4
5 1	16 49.27	−24 40.4	1.312	2.225	14.4	20.1
5 11	16 41.89	−24 46.9	1.270	2.238	9.7	19.9
5 21	16 32.18	−24 45.4	1.249	2.252	4.6	19.6
5 31	16 21.50	−24 35.8	1.254	2.266	1.6	19.5
6 10	16 11.37	−24 20.7	1.283	2.281	6.3	19.8
6 20	16 3.10	−24 3.8	1.336	2.295	11.0	20.1
6 30	15 57.61	−23 49.4	1.411	2.310	15.1	20.4

21149 Kenmitchell 5 28.9 305°.88 21°.9/15.3 18

4 21	16 49.33	+15 14.3	1.104	1.906	24.1	17.6
5 1	16 46.47	+18 34.1	1.065	1.901	22.8	17.5
5 11	16 40.27	+21 23.9	1.042	1.898	22.0	17.4
5 21	16 31.54	+23 28.0	1.035	1.894	22.1	17.4
5 31	16 21.66	+24 34.6	1.044	1.890	22.9	17.5
6 10	16 12.23	+24 40.3	1.066	1.887	24.3	17.5
6 20	16 4.66	+23 49.3	1.100	1.883	26.0	17.7
6 30	15 59.96	+22 10.5	1.145	1.880	27.7	17.8

131413 2001 NT 5 28.9 17°.09 13°.5/20.9 18

4 21	16 50.32	− 6 1.3	1.046	1.905	21.3	18.5
5 1	16 47.19	− 2 32.5	0.992	1.906	17.8	18.3
5 11	16 40.68	+ 0 55.3	0.958	1.907	14.8	18.1
5 21	16 31.68	+ 4 4.5	0.946	1.908	13.5	18.1
5 31	16 21.64	+ 6 37.3	0.957	1.909	14.7	18.1
6 10	16 12.20	+ 8 22.4	0.987	1.911	17.6	18.3
6 20	16 4.74	+ 9 17.3	1.036	1.913	21.0	18.5
6 30	16 0.20	+ 9 26.3	1.099	1.916	24.1	18.7

297751 2001 XL_{63} 5 28.9 174°.17 1°.9/30.1 18

4 21	16 50.30	−30 3.9	3.001	3.786	10.7	21.3
5 1	16 45.16	−29 54.8	2.909	3.789	8.5	21.1
5 11	16 38.37	−29 38.1	2.841	3.791	5.9	20.9
5 21	16 30.42	−29 13.2	2.799	3.793	3.3	20.8
5 31	16 21.97	−28 40.6	2.786	3.795	1.9	20.7
6 10	16 13.76	−28 2.1	2.804	3.795	3.8	20.8
6 20	16 6.41	−27 20.4	2.849	3.796	6.4	21.0
6 30	16 0.49	−26 38.4	2.921	3.796	8.9	21.1

506784 2007 AC_{16} 5 28.9 151°.61 7°.8/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 59.97	−53 2.8	3.209	3.873	12.3	21.8
5 1	16 53.20	−53 37.0	3.127	3.882	11.0	21.7
5 11	16 43.97	−53 55.3	3.063	3.890	9.6	21.6
5 21	16 32.99	−53 54.0	3.022	3.898	8.5	21.5
5 31	16 21.30	−53 30.9	3.006	3.905	7.8	21.5
6 10	16 10.05	−52 46.8	3.015	3.912	7.9	21.5
6 20	16 0.25	−51 45.0	3.049	3.918	8.7	21.6
6 30	15 52.64	−50 30.6	3.108	3.924	10.0	21.7

507064 2008 WD_{78} 5 28.9 197°.34 1°.8/28.2 17

4 21	16 50.24	−17 22.6	2.186	3.005	13.1	22.5
5 1	16 45.61	−17 6.9	2.099	3.003	10.2	22.3
5 11	16 38.94	−16 49.9	2.035	3.002	6.8	22.0
5 21	16 30.77	−16 32.7	1.997	2.999	3.3	21.8
5 31	16 21.88	−16 17.1	1.987	2.997	2.1	21.7
6 10	16 13.20	−16 4.8	2.004	2.994	5.3	21.9
6 20	16 5.55	−15 57.7	2.048	2.991	8.8	22.1
6 30	15 59.62	−15 57.3	2.116	2.987	12.0	22.3

25883 2000 RD_{88} 5 28.9 350°.14 1°.3/27.7 18

4 21	16 40.91	−17 0.2	4.219	5.029	7.4	18.4
5 1	16 37.45	−16 26.2	4.129	5.028	5.7	18.2
5 11	16 33.04	−15 50.9	4.064	5.028	3.8	18.1
5 21	16 27.99	−15 15.6	4.027	5.028	2.0	18.0
5 31	16 22.65	−14 41.6	4.020	5.027	1.5	17.9
6 10	16 17.44	−14 10.4	4.043	5.027	3.2	18.1
6 20	16 12.70	−13 43.2	4.094	5.027	5.1	18.2
6 30	16 8.76	−13 21.0	4.171	5.027	6.9	18.3

165139 2000 NJ_{10} 5 28.9 305°.75 2°.8/28.1 18

4 21	16 49.18	−18 10.0	1.280	2.134	18.5	19.7
5 1	16 46.80	−17 41.7	1.174	2.097	14.8	19.4
5 11	16 41.00	−17 8.3	1.086	2.060	10.2	19.0
5 21	16 32.19	−16 31.5	1.019	2.023	5.1	18.6
5 31	16 21.43	−15 54.8	0.975	1.986	3.3	18.4
6 10	16 10.30	−15 23.0	0.955	1.949	8.6	18.5
6 20	16 0.50	−15 1.1	0.956	1.913	14.6	18.7
6 30	15 53.54	−14 53.5	0.976	1.877	20.1	18.9

229532 2005 YN_{26} 5 28.9 146°.76 0°.8/28.5 17

4 21	16 52.31	−21 54.0	2.361	3.169	12.6	21.1
5 1	16 46.92	−21 14.2	2.281	3.180	9.7	20.9
5 11	16 39.62	−20 29.0	2.226	3.190	6.5	20.7
5 21	16 31.01	−19 39.6	2.196	3.200	2.9	20.5
5 31	16 21.88	−18 48.6	2.196	3.209	1.2	20.4
6 10	16 13.10	−17 59.0	2.226	3.217	4.7	20.7
6 20	16 5.42	−17 14.0	2.283	3.225	8.0	20.9
6 30	15 59.42	−16 36.4	2.365	3.232	11.0	21.1

494326 2016 TS_{11} 5 28.9 247°.45 2°.0/29.9 18

4 21	16 50.29	−28 39.2	2.601	3.397	11.8	22.3
5 1	16 45.60	−28 46.1	2.496	3.383	9.4	22.1
5 11	16 38.95	−28 46.1	2.414	3.369	6.6	21.9
5 21	16 30.81	−28 38.2	2.358	3.354	3.7	21.6
5 31	16 21.91	−28 22.0	2.330	3.339	2.1	21.5
6 10	16 13.10	−27 59.0	2.331	3.324	4.4	21.6
6 20	16 5.20	−27 31.4	2.360	3.308	7.5	21.8
6 30	15 58.88	−27 2.5	2.413	3.292	10.4	22.0

472555 2015 DF_{45} 5 28.9 20°.65 1°.2/29.2 17

4 21	16 51.01	−23 41.0	1.611	2.443	16.4	21.1
5 1	16 47.08	−24 2.2	1.536	2.446	12.8	20.8
5 11	16 40.37	−24 18.8	1.482	2.449	8.7	20.6
5 21	16 31.55	−24 29.4	1.450	2.453	4.2	20.3
5 31	16 21.73	−24 33.8	1.445	2.458	1.5	20.1
6 10	16 12.21	−24 32.9	1.465	2.462	5.8	20.4
6 20	16 4.18	−24 29.4	1.510	2.468	10.1	20.7
6 30	15 58.54	−24 26.4	1.578	2.473	14.0	21.0

130662 2000 SM_{104} 5 28.9 99°.28 0°.5/29.1 18

4 21	16 53.71	−23 29.5	1.478	2.311	17.5	19.6
5 1	16 49.33	−23 26.2	1.406	2.317	13.7	19.4
5 11	16 41.91	−23 16.4	1.354	2.322	9.2	19.1
5 21	16 32.25	−22 59.6	1.324	2.328	4.2	18.8
5 31	16 21.56	−22 36.9	1.320	2.334	1.1	18.6
6 10	16 11.30	−22 11.2	1.342	2.339	6.2	19.0
6 20	16 2.74	−21 46.5	1.388	2.345	10.9	19.2
6 30	15 56.81	−21 26.9	1.456	2.350	15.0	19.5

275491 1960 SR 5 28.9 278°.47 1°.8/28.1 15

4 21	16 49.55	−19 4.6	1.902	2.730	14.4	21.4
5 1	16 45.59	−18 31.8	1.802	2.711	11.3	21.1
5 11	16 39.23	−17 54.6	1.724	2.693	7.6	20.9
5 21	16 31.04	−17 14.4	1.671	2.674	3.7	20.6
5 31	16 21.86	−16 34.0	1.645	2.655	2.2	20.5
6 10	16 12.79	−15 56.8	1.645	2.636	6.1	20.7
6 20	16 4.83	−15 26.2	1.672	2.617	10.2	20.9
6 30	15 58.82	−15 5.2	1.721	2.598	13.9	21.0

327256 2005 SM_{116} 5 28.9 183°.66 12°.0/22.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.83	− 5 34.1	1.216	2.056	20.1	21.1
5 1	16 50.38	− 2 42.5	1.154	2.057	16.7	20.9
5 11	16 42.69	+ 0 7.4	1.113	2.057	13.6	20.7
5 21	16 32.61	+ 2 41.9	1.094	2.057	12.0	20.6
5 31	16 21.48	+ 4 47.0	1.099	2.056	12.9	20.6
6 10	16 10.87	+ 6 13.2	1.127	2.054	15.6	20.8
6 20	16 2.11	+ 6 57.7	1.174	2.052	19.0	21.0
6 30	15 56.15	+ 7 3.3	1.238	2.049	22.2	21.2

241661 2000 JA_{72} 5 28.9 334°.55 0°.4/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 41.69	−18 7.8	0.886	1.774	21.6	19.5
5 1	16 42.04	−19 0.5	0.801	1.744	17.3	19.1
5 11	16 38.47	−20 1.9	0.732	1.715	11.9	18.7
5 21	16 31.31	−21 11.5	0.682	1.688	5.6	18.3
5 31	16 21.69	−22 26.7	0.650	1.664	1.5	17.9
6 10	16 11.64	−23 43.8	0.638	1.641	8.7	18.2
6 20	16 3.36	−24 59.5	0.644	1.622	15.6	18.4
6 30	15 58.82	−26 13.0	0.666	1.605	21.8	18.7

206658 2003 YW_{39} 5 28.9 158°.53 0°.6/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.29	−20 19.9	2.245	3.061	12.8	21.1
5 1	16 45.62	−20 14.2	2.162	3.064	10.0	21.0
5 11	16 38.93	−20 5.7	2.101	3.067	6.7	20.7
5 21	16 30.78	−19 55.0	2.066	3.070	3.0	20.5
5 31	16 21.96	−19 42.8	2.059	3.072	1.1	20.4
6 10	16 13.37	−19 31.1	2.080	3.074	4.7	20.6
6 20	16 5.82	−19 21.5	2.129	3.076	8.2	20.9
6 30	15 59.98	−19 16.0	2.201	3.078	11.4	21.1

247387 2001 YS_{115} 5 28.9 143°.86 6°.8/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.33	−42 15.6	2.194	2.944	15.1	20.9
5 1	16 52.40	−42 40.4	2.113	2.953	12.8	20.7
5 11	16 43.70	−42 48.9	2.053	2.961	10.3	20.6
5 21	16 32.98	−42 37.1	2.016	2.969	8.0	20.4
5 31	16 21.41	−42 3.1	2.005	2.977	6.8	20.4
6 10	16 10.33	−41 9.0	2.020	2.984	7.5	20.4
6 20	16 0.88	−39 59.7	2.062	2.990	9.5	20.6
6 30	15 53.88	−38 42.3	2.128	2.996	12.0	20.7

427587 2003 SG_{50} 5 28.9 245°.61 0°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.85	−21 52.7	1.865	2.684	15.0	22.2
5 1	16 49.06	−21 28.4	1.763	2.667	11.8	22.0
5 11	16 41.65	−20 57.8	1.682	2.649	8.0	21.7
5 21	16 32.17	−20 21.2	1.626	2.630	3.6	21.4
5 31	16 21.59	−19 40.6	1.598	2.611	1.3	21.2
6 10	16 11.10	−18 59.2	1.597	2.591	5.9	21.4
6 20	16 1.82	−18 21.1	1.622	2.570	10.3	21.7
6 30	15 54.70	−17 50.2	1.670	2.548	14.3	21.9

499410 2010 CA_{25} 5 28.9 220°.01 3°.8/30.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.63	−34 23.6	2.625	3.395	12.4	22.4
5 1	16 49.85	−34 37.4	2.518	3.383	10.2	22.2
5 11	16 41.84	−34 41.2	2.434	3.370	7.6	22.0
5 21	16 32.16	−34 32.6	2.375	3.356	5.0	21.8
5 31	16 21.61	−34 10.6	2.345	3.342	3.8	21.7
6 10	16 11.20	−33 36.3	2.343	3.326	5.2	21.8
6 20	16 1.84	−32 52.7	2.370	3.310	7.9	21.9
6 30	15 54.28	−32 4.3	2.422	3.293	10.7	22.1

60154 1999 UB_{14} 5 28.9 304°.96 0°.9/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.00	−19 46.5	1.371	2.218	17.8	19.7
5 1	16 47.12	−19 47.4	1.273	2.192	14.2	19.4
5 11	16 40.99	−19 45.9	1.194	2.167	9.7	19.1
5 21	16 32.11	−19 42.2	1.137	2.142	4.5	18.7
5 31	16 21.57	−19 37.1	1.104	2.117	1.6	18.5
6 10	16 10.91	−19 32.8	1.095	2.092	7.2	18.7
6 20	16 1.66	−19 32.1	1.109	2.068	12.7	19.0
6 30	15 55.14	−19 38.0	1.143	2.044	17.7	19.2

274545 2008 SN_{249} 5 28.9 301°.86 0°.6/28.7 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.96	−22 7.2	1.663	2.498	15.8	20.8
5 1	16 45.66	−21 43.7	1.559	2.472	12.5	20.5
5 11	16 39.61	−21 13.0	1.476	2.446	8.4	20.2
5 21	16 31.34	−20 35.8	1.416	2.420	3.9	19.8
5 31	16 21.81	−19 54.1	1.381	2.394	1.3	19.6
6 10	16 12.28	−19 11.6	1.372	2.368	6.3	19.8
6 20	16 3.98	−18 32.6	1.388	2.343	11.1	20.1
6 30	15 57.95	−18 1.7	1.426	2.318	15.4	20.2

277622 2006 BE_{24} 5 28.9 142°.27 1°.3/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.21	−18 35.2	2.189	3.003	13.2	21.6
5 1	16 47.06	−18 23.0	2.111	3.013	10.2	21.4
5 11	16 39.85	−18 9.0	2.057	3.022	6.8	21.2
5 21	16 31.20	−17 53.9	2.028	3.031	3.2	21.0
5 31	16 21.90	−17 39.1	2.028	3.039	1.6	20.9
6 10	16 12.91	−17 26.4	2.056	3.047	5.0	21.1
6 20	16 5.02	−17 17.6	2.110	3.054	8.5	21.3
6 30	15 58.91	−17 14.4	2.190	3.061	11.6	21.5

344698 2003 SM_{402} 5 28.9 246°.89 4°.8/27.1 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.58	− 7 51.7	2.333	3.141	12.7	22.1
5 1	16 45.82	− 7 27.7	2.234	3.125	10.2	21.9
5 11	16 39.11	− 7 8.3	2.157	3.109	7.5	21.7
5 21	16 30.92	− 6 56.2	2.107	3.092	5.3	21.5
5 31	16 21.95	− 6 53.6	2.084	3.074	5.0	21.5
6 10	16 13.04	− 7 2.2	2.089	3.056	7.0	21.5
6 20	16 4.99	− 7 22.5	2.120	3.037	9.9	21.7
6 30	15 58.48	− 7 54.2	2.175	3.018	12.7	21.8

350672 2001 UL_{91} 5 28.9 257°.62 4°.2/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.02	−32 21.0	2.239	3.030	13.7	21.0
5 1	16 48.22	−33 5.5	2.145	3.023	11.1	20.9
5 11	16 40.98	−33 42.2	2.073	3.017	8.3	20.7
5 21	16 31.85	−34 7.9	2.026	3.010	5.5	20.5
5 31	16 21.70	−34 20.4	2.006	3.003	4.2	20.4
6 10	16 11.65	−34 19.8	2.013	2.997	5.9	20.5
6 20	16 2.72	−34 8.3	2.047	2.990	8.8	20.6
6 30	15 55.79	−33 49.7	2.105	2.983	11.7	20.8

191855 2004 VX_{61} 5 28.9 261°.99 7°.4/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.82	− 4 39.7	1.981	2.798	14.3	20.2
5 1	16 44.74	− 3 29.6	1.892	2.783	11.8	20.0
5 11	16 38.52	− 2 24.5	1.825	2.767	9.3	19.8
5 21	16 30.68	− 1 29.5	1.783	2.752	7.6	19.7
5 31	16 22.02	− 0 49.6	1.766	2.736	7.7	19.7
6 10	16 13.48	− 0 28.6	1.775	2.720	9.7	19.8
6 20	16 5.95	− 0 27.7	1.808	2.703	12.5	19.9
6 30	16 0.17	− 0 46.4	1.861	2.687	15.3	20.0

200950 2002 BW_{14} 5 28.9 168°.05 1°.2/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.17	−25 42.3	1.846	2.657	15.4	21.3
5 1	16 50.71	−25 37.3	1.764	2.662	12.1	21.1
5 11	16 42.60	−25 24.6	1.704	2.666	8.3	20.9
5 21	16 32.52	−25 3.3	1.668	2.669	4.0	20.6
5 31	16 21.56	−24 34.2	1.659	2.672	1.4	20.4
6 10	16 10.95	−23 59.9	1.679	2.674	5.4	20.7
6 20	16 1.78	−23 24.3	1.724	2.675	9.6	20.9
6 30	15 54.92	−22 51.7	1.793	2.676	13.2	21.2

509761 2008 UM 5 28.9 227°.02 6°.4/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.13	−40 28.3	2.404	3.156	13.9	22.2
5 1	16 51.53	−41 8.3	2.302	3.145	11.8	22.0
5 11	16 43.25	−41 35.7	2.221	3.133	9.5	21.8
5 21	16 32.90	−41 46.3	2.165	3.120	7.4	21.7
5 31	16 21.44	−41 37.2	2.135	3.107	6.4	21.6
6 10	16 10.10	−41 8.6	2.131	3.094	7.2	21.6
6 20	16 0.03	−40 24.0	2.154	3.080	9.4	21.7
6 30	15 52.16	−39 28.7	2.201	3.065	11.9	21.9

203350 2001 UX_{204} 5 28.9 122°.09 0°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.71	−23 25.3	1.491	2.321	17.5	20.5
5 1	16 50.04	−23 12.7	1.419	2.329	13.7	20.3
5 11	16 42.36	−22 52.8	1.368	2.336	9.2	20.0
5 21	16 32.46	−22 25.9	1.340	2.343	4.2	19.8
5 31	16 21.59	−21 53.4	1.337	2.350	1.1	19.5
6 10	16 11.19	−21 19.0	1.360	2.357	6.2	19.9
6 20	16 2.51	−20 47.0	1.408	2.363	10.9	20.2
6 30	15 56.45	−20 21.6	1.478	2.369	15.0	20.5

412256 2013 HK_{82} 5 28.9 190°.50 1°.6/28.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.47	−19 56.6	1.718	2.542	15.8	21.8
5 1	16 49.49	−19 22.5	1.635	2.542	12.4	21.5
5 11	16 41.85	−18 43.3	1.573	2.540	8.3	21.3
5 21	16 32.22	−18 0.4	1.535	2.538	3.9	21.0
5 31	16 21.66	−17 16.7	1.524	2.536	2.1	20.9
6 10	16 11.41	−16 36.1	1.541	2.533	6.3	21.1
6 20	16 2.59	−16 2.4	1.583	2.529	10.7	21.4
6 30	15 56.05	−15 38.8	1.648	2.524	14.5	21.6

91915 1999 VF_{31} 5 28.9 223°.66 0°.5/29.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.32	−23 3.7	2.869	3.671	10.7	20.5
5 1	16 44.57	−23 13.5	2.769	3.663	8.4	20.3
5 11	16 38.14	−23 20.2	2.693	3.655	5.6	20.1
5 21	16 30.45	−23 23.5	2.644	3.646	2.6	19.9
5 31	16 22.13	−23 23.4	2.624	3.637	0.8	19.7
6 10	16 13.90	−23 20.7	2.634	3.628	3.8	20.0
6 20	16 6.44	−23 16.9	2.671	3.619	6.8	20.1
6 30	16 0.32	−23 13.6	2.735	3.609	9.5	20.3

386852 2010 PQ_{66} 5 28.9 221°.33 18°.8/ 6.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 18.44	−60 36.6	1.409	2.089	24.9	21.1
5 1	17 13.48	−62 16.4	1.334	2.083	23.3	20.9
5 11	17 1.00	−63 27.4	1.270	2.076	21.6	20.8
5 21	16 41.81	−63 53.4	1.221	2.068	20.1	20.6
5 31	16 19.11	−63 19.6	1.187	2.060	19.0	20.5
6 10	15 57.77	−61 42.3	1.172	2.051	18.9	20.5
6 20	15 41.70	−59 11.4	1.175	2.041	19.8	20.5
6 30	15 32.67	−56 5.8	1.196	2.031	21.4	20.6

411683 2011 YC_{17} 5 28.9 139°.07 1°.2/29.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 56.10	−25 26.8	1.816	2.629	15.6	22.2
5 1	16 50.62	−25 26.4	1.741	2.640	12.2	22.0
5 11	16 42.50	−25 18.7	1.688	2.650	8.3	21.8
5 21	16 32.48	−25 3.0	1.659	2.660	4.0	21.6
5 31	16 21.62	−24 39.7	1.657	2.670	1.4	21.4
6 10	16 11.19	−24 11.4	1.683	2.679	5.4	21.7
6 20	16 2.25	−23 41.6	1.735	2.687	9.5	22.0
6 30	15 55.62	−23 14.6	1.811	2.694	13.1	22.2

51498 2001 FW_{80} 5 28.9 30°.77 10°.3/31.5 18

4 21	16 56.68	−39 53.1	1.318	2.120	20.8	18.4
5 1	16 53.04	−41 30.0	1.256	2.129	17.7	18.2
5 11	16 45.23	−42 49.9	1.212	2.137	14.4	18.0
5 21	16 34.06	−43 43.7	1.187	2.147	11.6	17.8
5 31	16 21.18	−44 4.7	1.185	2.157	10.3	17.8
6 10	16 8.78	−43 52.6	1.204	2.168	11.3	17.9
6 20	15 58.79	−43 13.6	1.245	2.180	13.9	18.1
6 30	15 52.54	−42 17.9	1.306	2.192	16.9	18.3

494245 2016 PC_{75} 5 28.9 216°.60 4°.2/31.0 18

4 21	16 52.70	−37 28.3	3.257	4.009	10.6	22.4
5 1	16 47.25	−37 59.3	3.152	4.000	8.8	22.3
5 11	16 39.97	−38 21.4	3.070	3.990	6.8	22.2
5 21	16 31.30	−38 32.6	3.014	3.980	5.1	22.0
5 31	16 21.92	−38 31.3	2.987	3.969	4.2	21.9
6 10	16 12.61	−38 18.0	2.988	3.957	5.1	22.0
6 20	16 4.13	−37 54.5	3.017	3.945	6.9	22.1
6 30	15 57.10	−37 23.9	3.072	3.933	8.9	22.2

11739 Baton Rouge 5 28.9 244°.36 1°.3/29.9 18

4 21	16 45.61	−28 33.0	3.790	4.577	8.6	18.8
5 1	16 41.33	−28 22.5	3.680	4.563	6.8	18.6
5 11	16 35.79	−28 6.2	3.595	4.548	4.7	18.5
5 21	16 29.33	−27 44.2	3.537	4.533	2.5	18.3
5 31	16 22.45	−27 16.9	3.508	4.518	1.3	18.2
6 10	16 15.66	−26 45.6	3.510	4.503	3.0	18.3
6 20	16 9.46	−26 12.0	3.540	4.487	5.3	18.4
6 30	16 4.29	−25 38.2	3.597	4.471	7.4	18.6

222797 2002 CU_{221} 5 28.9 68°.95 7°.3/26.3 17

4 21	16 49.66	− 5 6.9	1.725	2.550	15.7	20.2
5 1	16 45.38	− 4 6.5	1.668	2.564	12.8	20.0
5 11	16 38.85	− 3 14.0	1.631	2.578	9.8	19.9
5 21	16 30.78	− 2 34.6	1.618	2.593	7.7	19.8
5 31	16 22.09	− 2 12.2	1.631	2.607	7.6	19.8
6 10	16 13.84	− 2 9.2	1.668	2.622	9.6	19.9
6 20	16 6.88	− 2 25.2	1.729	2.636	12.3	20.1
6 30	16 1.90	− 2 58.6	1.811	2.651	15.0	20.3

68602 2002 AB_{82} 5 28.9 80°.34 7°.3/27.2 17

4 21	16 52.11	− 3 10.9	1.753	2.568	15.9	19.0
5 1	16 47.23	− 2 39.0	1.694	2.584	13.0	18.9
5 11	16 40.08	− 2 17.8	1.656	2.599	10.0	18.7
5 21	16 31.33	− 2 11.1	1.642	2.614	7.8	18.6
5 31	16 21.95	− 2 21.6	1.652	2.629	7.5	18.6
6 10	16 13.00	− 2 50.2	1.689	2.644	9.3	18.8
6 20	16 5.37	− 3 35.3	1.749	2.659	12.0	19.0
6 30	15 59.76	− 4 34.2	1.832	2.674	14.8	19.2

185204 2006 TM_{42} 5 28.9 120°.52 3°.2/30.2 18

4 21	16 53.78	−31 3.9	2.705	3.486	11.8	20.9
5 1	16 48.15	−31 42.2	2.626	3.501	9.5	20.7
5 11	16 40.56	−32 13.6	2.571	3.515	6.9	20.6
5 21	16 31.55	−32 35.9	2.542	3.529	4.3	20.4
5 31	16 21.89	−32 48.0	2.542	3.542	3.2	20.4
6 10	16 12.45	−32 50.2	2.571	3.555	4.7	20.5
6 20	16 4.01	−32 44.3	2.627	3.568	7.2	20.7
6 30	15 57.23	−32 33.3	2.709	3.580	9.7	20.9

156967 2003 HB_{36} 5 28.9 70°.39 3°.1/27.8 17

4 21	16 52.45	−15 54.3	1.621	2.453	16.2	20.6
5 1	16 47.65	−15 16.6	1.566	2.477	12.6	20.4
5 11	16 40.39	−14 38.6	1.533	2.500	8.5	20.2
5 21	16 31.46	−14 2.9	1.523	2.524	4.5	20.0
5 31	16 21.95	−13 32.6	1.540	2.547	3.5	20.0
6 10	16 13.01	−13 10.9	1.584	2.570	6.8	20.3
6 20	16 5.60	−12 59.5	1.652	2.593	10.6	20.5
6 30	16 0.40	−12 59.5	1.742	2.616	14.0	20.8

470158 2006 UD_{116} 5 28.9 173°.41 1°.3/29.5 16

4 21	16 50.58	−26 13.9	2.839	3.635	11.0	23.0
5 1	16 45.52	−26 21.9	2.749	3.638	8.6	22.8
5 11	16 38.74	−26 24.9	2.682	3.640	5.9	22.6
5 21	16 30.72	−26 22.1	2.643	3.642	3.0	22.4
5 31	16 22.11	−26 13.7	2.632	3.643	1.4	22.3
6 10	16 13.68	−26 0.8	2.650	3.644	3.8	22.5
6 20	16 6.11	−25 45.1	2.697	3.644	6.7	22.7
6 30	15 59.97	−25 29.0	2.769	3.644	9.4	22.8

178705 2000 ST_{143} 5 28.9 122°.60 6°.1/25.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 47.23	− 2 31.8	2.734	3.532	11.3	20.6
5 1	16 42.68	− 1 23.9	2.671	3.546	9.3	20.5
5 11	16 36.69	− 0 22.2	2.632	3.560	7.4	20.4
5 21	16 29.73	+ 0 29.6	2.618	3.574	6.3	20.3
5 31	16 22.39	+ 1 8.3	2.633	3.587	6.4	20.4
6 10	16 15.30	+ 1 32.1	2.674	3.600	7.7	20.5
6 20	16 9.02	+ 1 40.3	2.740	3.612	9.5	20.6
6 30	16 4.01	+ 1 33.6	2.829	3.624	11.4	20.8

59450 1999 GW_{33} 5 28.9 83°.23 1°.0/28.7 18

4 21	16 55.01	−19 17.6	1.412	2.248	18.0	19.2
5 1	16 50.30	−19 19.1	1.348	2.262	14.0	19.0
5 11	16 42.54	−19 18.6	1.305	2.275	9.3	18.8
5 21	16 32.56	−19 16.2	1.285	2.289	4.2	18.5
5 31	16 21.64	−19 13.0	1.290	2.303	1.6	18.4
6 10	16 11.25	−19 10.9	1.320	2.316	6.5	18.7
6 20	16 2.63	−19 12.3	1.375	2.329	11.2	19.0
6 30	15 56.68	−19 19.2	1.451	2.342	15.3	19.3

252171 2001 DD_9 5 28.9 149°.31 17°.7/ 3.9 18

4 21	17 13.56	−54 37.2	1.300	2.025	24.8	20.8
5 1	17 8.89	−56 49.9	1.240	2.031	22.7	20.7
5 11	16 57.56	−58 36.4	1.192	2.035	20.6	20.5
5 21	16 40.23	−59 41.2	1.161	2.040	18.8	20.4
5 31	16 19.54	−59 50.9	1.147	2.044	17.8	20.4
6 10	15 59.62	−59 2.7	1.152	2.047	17.9	20.4
6 20	15 44.09	−57 26.1	1.174	2.050	19.1	20.5
6 30	15 34.92	−55 18.8	1.214	2.053	21.0	20.6

171731 2000 WD_{56} 5 28.9 125°.57 1°.8/28.5 18

4 21	16 55.59	−16 54.2	1.757	2.578	15.6	19.9
5 1	16 50.15	−16 53.4	1.686	2.591	12.2	19.7
5 11	16 42.16	−16 52.6	1.637	2.604	8.2	19.5
5 21	16 32.33	−16 52.5	1.613	2.616	3.9	19.3
5 31	16 21.70	−16 54.1	1.616	2.627	2.2	19.2
6 10	16 11.46	−16 58.7	1.647	2.638	6.0	19.5
6 20	16 2.66	−17 7.6	1.703	2.649	10.0	19.7
6 30	15 56.08	−17 22.2	1.782	2.658	13.6	20.0

397389 2006 VF_{67} 5 28.9 123°.54 0°.2/28.8 17

4 21	16 48.74	−23 18.3	2.420	3.232	12.2	21.4
5 1	16 44.26	−22 47.9	2.338	3.238	9.4	21.2
5 11	16 37.94	−22 11.8	2.279	3.244	6.3	21.0
5 21	16 30.35	−21 30.8	2.246	3.249	2.8	20.8
5 31	16 22.23	−20 47.0	2.242	3.255	0.8	20.7
6 10	16 14.39	−20 3.1	2.266	3.260	4.3	20.9
6 20	16 7.55	−19 22.0	2.318	3.265	7.6	21.1
6 30	16 2.29	−18 46.6	2.394	3.270	10.6	21.3

511124 2013 WR_{63} 5 28.9 255°.26 2°.7/29.9 18

4 21	16 54.01	−28 56.2	2.098	2.899	14.1	21.3
5 1	16 49.16	−29 13.0	1.991	2.880	11.4	21.1
5 11	16 41.74	−29 22.1	1.906	2.860	8.1	20.8
5 21	16 32.28	−29 21.4	1.845	2.840	4.6	20.6
5 31	16 21.69	−29 9.7	1.811	2.820	2.7	20.4
6 10	16 11.11	−28 48.2	1.806	2.798	5.4	20.6
6 20	16 1.65	−28 19.7	1.827	2.776	9.2	20.7
6 30	15 54.25	−27 48.6	1.872	2.754	12.8	20.9

489705 2007 VK_{160} 5 28.9 166°.56 1°.8/28.3 17

4 21	16 49.78	−16 37.2	2.157	2.978	13.1	21.8
5 1	16 45.32	−16 30.4	2.074	2.978	10.2	21.6
5 11	16 38.81	−16 23.5	2.013	2.979	6.9	21.4
5 21	16 30.81	−16 17.3	1.978	2.980	3.4	21.2
5 31	16 22.10	−16 13.3	1.970	2.980	2.1	21.1
6 10	16 13.60	−16 12.8	1.990	2.981	5.3	21.3
6 20	16 6.14	−16 17.0	2.037	2.981	8.8	21.5
6 30	16 0.39	−16 27.1	2.108	2.981	11.9	21.7

376872 2001 UM_{160} 5 28.9 242°.97 1°.5/28.2 18

4 21	16 51.93	−19 42.4	2.134	2.950	13.4	22.0
5 1	16 47.17	−19 8.0	2.031	2.934	10.5	21.7
5 11	16 40.18	−18 28.7	1.951	2.917	7.1	21.5
5 21	16 31.49	−17 45.8	1.896	2.899	3.4	21.2
5 31	16 21.92	−17 1.9	1.870	2.881	1.9	21.1
6 10	16 12.45	−16 20.0	1.872	2.862	5.6	21.3
6 20	16 4.02	−15 43.6	1.900	2.842	9.4	21.5
6 30	15 57.40	−15 15.6	1.953	2.822	12.9	21.7

214454 2005 SE_{77} 5 28.9 324°.59 0°.5/28.8 16

4 21	16 47.47	−20 55.9	1.932	2.762	14.1	20.4
5 1	16 43.95	−20 48.4	1.840	2.750	11.0	20.2
5 11	16 38.14	−20 37.3	1.770	2.740	7.4	20.0
5 21	16 30.59	−20 23.1	1.725	2.729	3.4	19.7
5 31	16 22.15	−20 7.0	1.706	2.719	1.1	19.5
6 10	16 13.86	−19 51.1	1.714	2.709	5.3	19.8
6 20	16 6.68	−19 37.8	1.747	2.700	9.3	20.0
6 30	16 1.39	−19 29.5	1.803	2.691	12.9	20.2

253759 2003 WK_{104} 5 28.9 207°.41 0°.7/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.01	−20 55.9	1.957	2.774	14.5	21.8
5 1	16 48.94	−20 41.8	1.866	2.768	11.3	21.6
5 11	16 41.42	−20 23.5	1.797	2.762	7.6	21.3
5 21	16 32.06	−20 1.4	1.752	2.756	3.5	21.1
5 31	16 21.78	−19 36.8	1.736	2.749	1.2	20.9
6 10	16 11.70	−19 12.2	1.747	2.741	5.5	21.1
6 20	16 2.84	−18 50.5	1.785	2.732	9.6	21.4
6 30	15 56.02	−18 34.6	1.847	2.723	13.2	21.6

28626 Meghanshea 5 28.9 66°.22 1°.8/29.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.21	−25 0.1	1.534	2.362	17.2	18.7
5 1	16 49.65	−25 24.2	1.467	2.374	13.5	18.5
5 11	16 42.12	−25 42.1	1.421	2.387	9.2	18.3
5 21	16 32.40	−25 52.1	1.398	2.399	4.6	18.0
5 31	16 21.71	−25 53.4	1.400	2.412	2.0	17.9
6 10	16 11.47	−25 47.6	1.428	2.425	6.0	18.2
6 20	16 2.92	−25 37.7	1.481	2.438	10.4	18.4
6 30	15 56.97	−25 27.8	1.556	2.451	14.2	18.7

92784 2000 QA_{141} 5 28.9 222°.44 6°.0/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.25	−37 45.3	2.249	3.016	14.3	19.9
5 1	16 51.76	−38 34.3	2.152	3.007	12.0	19.7
5 11	16 43.51	−39 12.2	2.075	2.998	9.4	19.5
5 21	16 33.09	−39 34.7	2.023	2.988	7.1	19.3
5 31	16 21.49	−39 38.6	1.997	2.978	6.0	19.2
6 10	16 9.97	−39 23.9	1.998	2.967	7.1	19.3
6 20	15 59.73	−38 53.4	2.025	2.956	9.6	19.4
6 30	15 51.75	−38 12.6	2.076	2.944	12.3	19.6

490746 2010 TR_{4} 5 28.9 174°.80 1°.2/28.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.95	−19 34.1	1.981	2.797	14.3	22.7
5 1	16 48.73	−19 16.1	1.898	2.800	11.2	22.5
5 11	16 41.17	−18 54.9	1.837	2.802	7.5	22.3
5 21	16 31.90	−18 31.2	1.801	2.804	3.4	22.1
5 31	16 21.84	−18 6.9	1.793	2.805	1.6	21.9
6 10	16 12.06	−17 44.4	1.813	2.805	5.5	22.2
6 20	16 3.51	−17 26.1	1.860	2.805	9.4	22.4
6 30	15 56.96	−17 14.6	1.930	2.804	12.8	22.6

72244 2001 AH_{25} 5 28.9 10°.23 4°.2/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.77	−11 5.2	1.628	2.464	16.0	18.3
5 1	16 45.90	−10 58.0	1.555	2.465	12.7	18.1
5 11	16 39.49	−10 56.2	1.502	2.466	8.9	17.8
5 21	16 31.20	−11 1.9	1.472	2.468	5.4	17.6
5 31	16 22.02	−11 17.0	1.468	2.471	4.5	17.6
6 10	16 13.11	−11 42.4	1.489	2.474	7.4	17.8
6 20	16 5.52	−12 17.7	1.535	2.478	11.2	18.0
6 30	16 0.09	−13 2.3	1.603	2.481	14.7	18.2

256732 2008 AN_{129} 5 28.9 63°.34 2°.8/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.95	−18 3.3	1.492	2.332	17.0	20.2
5 1	16 46.97	−17 16.1	1.423	2.339	13.2	20.0
5 11	16 40.24	−16 25.0	1.375	2.345	8.9	19.7
5 21	16 31.52	−15 32.9	1.350	2.352	4.5	19.5
5 31	16 21.95	−14 44.3	1.350	2.359	3.2	19.4
6 10	16 12.84	−14 3.4	1.377	2.366	7.2	19.7
6 20	16 5.30	−13 34.1	1.427	2.374	11.5	20.0
6 30	16 0.15	−13 18.4	1.498	2.381	15.3	20.2

87268 2000 OR_{59} 5 28.9 293°.18 2°.3/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.97	−28 6.8	1.689	2.511	16.1	19.8
5 1	16 47.33	−28 7.4	1.589	2.491	12.9	19.5
5 11	16 40.78	−27 57.9	1.509	2.471	9.1	19.3
5 21	16 31.93	−27 36.8	1.452	2.452	4.8	19.0
5 31	16 21.80	−27 3.9	1.421	2.432	2.4	18.8
6 10	16 11.75	−26 21.7	1.416	2.412	6.0	18.9
6 20	16 3.06	−25 34.7	1.435	2.393	10.5	19.1
6 30	15 56.79	−24 48.9	1.477	2.373	14.7	19.3

166416 2002 OY_{16} 5 28.9 232°.90 1°.4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.07	−28 0.9	2.206	3.011	13.4	20.3
5 1	16 46.46	−27 40.3	2.111	3.004	10.6	20.1
5 11	16 39.65	−27 10.3	2.037	2.997	7.3	19.9
5 21	16 31.22	−26 30.6	1.990	2.989	3.7	19.6
5 31	16 22.02	−25 42.4	1.970	2.982	1.5	19.4
6 10	16 13.07	−24 48.7	1.978	2.974	4.7	19.7
6 20	16 5.24	−23 53.5	2.013	2.965	8.4	19.9
6 30	15 59.28	−23 1.3	2.074	2.957	11.7	20.1

31736 1999 JR_{73} 5 28.9 266°.78 4°.3/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.26	−11 24.2	2.266	3.088	12.6	19.1
5 1	16 43.28	−10 34.0	2.175	3.077	10.0	18.9
5 11	16 37.42	− 9 44.6	2.107	3.066	7.2	18.7
5 21	16 30.19	− 8 59.1	2.065	3.055	4.8	18.5
5 31	16 22.29	− 8 20.9	2.050	3.044	4.5	18.5
6 10	16 14.54	− 7 52.9	2.062	3.033	6.8	18.6
6 20	16 7.69	− 7 37.1	2.100	3.022	9.7	18.7
6 30	16 2.38	− 7 34.2	2.161	3.011	12.6	18.9

168916 2000 YZ_{42} 5 28.9 189°.05 0°.3/29.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 54.90	−23 5.5	1.881	2.696	15.0	21.2
5 1	16 49.74	−23 0.1	1.794	2.695	11.8	20.9
5 11	16 42.00	−22 49.2	1.729	2.694	7.9	20.7
5 21	16 32.33	−22 32.6	1.689	2.692	3.6	20.4
5 31	16 21.74	−22 10.9	1.677	2.690	0.9	20.2
6 10	16 11.41	−21 46.6	1.692	2.687	5.4	20.5
6 20	16 2.40	−21 22.8	1.733	2.683	9.6	20.8
6 30	15 55.57	−21 2.9	1.798	2.679	13.3	21.0

238720 2005 GB_{64} 5 28.9 4°.84 7°.4/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.12	−33 41.9	1.494	2.309	18.2	19.1
5 1	16 49.65	−35 19.9	1.421	2.309	15.1	18.9
5 11	16 42.70	−36 49.4	1.367	2.310	11.6	18.7
5 21	16 32.91	−38 3.2	1.335	2.312	8.6	18.5
5 31	16 21.55	−38 55.1	1.327	2.315	7.4	18.5
6 10	16 10.32	−39 23.0	1.343	2.319	9.1	18.6
6 20	16 0.85	−39 29.4	1.383	2.324	12.2	18.8
6 30	15 54.40	−39 20.5	1.443	2.331	15.5	19.0

138948 2001 BR_{47} 5 28.9 152°.67 4°.3/27.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.45	−12 55.0	1.718	2.546	15.6	20.2
5 1	16 47.77	−12 13.5	1.645	2.551	12.3	20.0
5 11	16 40.62	−11 33.1	1.592	2.556	8.6	19.7
5 21	16 31.68	−10 57.2	1.564	2.560	5.2	19.5
5 31	16 21.93	−10 29.2	1.562	2.563	4.6	19.5
6 10	16 12.53	−10 12.1	1.587	2.566	7.5	19.7
6 20	16 4.48	−10 7.8	1.636	2.569	11.2	19.9
6 30	15 58.55	−10 16.7	1.707	2.572	14.7	20.1

310076 2010 KY_{104} 5 28.9 339°.80 8°.8/25.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 44.24	− 2 46.1	1.675	2.508	15.8	19.9
5 1	16 41.56	− 1 36.9	1.597	2.495	13.2	19.7
5 11	16 36.60	− 0 36.0	1.540	2.482	10.6	19.5
5 21	16 29.91	+ 0 10.4	1.505	2.471	9.0	19.4
5 31	16 22.38	+ 0 36.7	1.494	2.461	9.1	19.3
6 10	16 15.02	+ 0 39.5	1.506	2.451	11.1	19.4
6 20	16 8.79	+ 0 18.5	1.540	2.442	13.8	19.6
6 30	16 4.48	− 0 24.4	1.593	2.435	16.7	19.7

8387 Fujimori 5 28.9 184°.37 4°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.91	− 7 55.7	2.483	3.294	11.9	17.9
5 1	16 43.51	− 7 15.7	2.402	3.294	9.5	17.7
5 11	16 37.43	− 6 39.5	2.344	3.294	7.1	17.6
5 21	16 30.16	− 6 9.9	2.312	3.294	5.1	17.4
5 31	16 22.34	− 5 49.6	2.307	3.293	4.9	17.4
6 10	16 14.71	− 5 40.6	2.330	3.292	6.7	17.5
6 20	16 7.93	− 5 43.5	2.379	3.291	9.2	17.7
6 30	16 2.57	− 5 58.2	2.452	3.289	11.7	17.8

502087 2015 AB_{240} 5 28.9 134°.15 5°.8/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.77	−38 1.1	2.085	2.855	15.2	21.9
5 1	16 52.02	−38 32.6	2.008	2.866	12.6	21.7
5 11	16 43.51	−38 50.2	1.951	2.877	9.8	21.6
5 21	16 33.00	−38 50.3	1.919	2.888	7.1	21.4
5 31	16 21.61	−38 31.0	1.912	2.898	5.8	21.4
6 10	16 10.63	−37 54.0	1.933	2.907	6.9	21.5
6 20	16 1.22	−37 3.8	1.979	2.916	9.4	21.6
6 30	15 54.21	−36 6.5	2.050	2.924	12.1	21.8

287570 2003 FU_{26} 5 28.9 160°.70 3°.2/30.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.96	−31 56.3	2.623	3.408	12.1	21.5
5 1	16 46.88	−32 19.3	2.536	3.411	9.7	21.3
5 11	16 39.80	−32 34.2	2.471	3.415	7.1	21.2
5 21	16 31.27	−32 39.3	2.432	3.418	4.5	21.0
5 31	16 22.05	−32 33.8	2.421	3.422	3.2	20.9
6 10	16 13.03	−32 18.5	2.438	3.424	4.8	21.0
6 20	16 5.01	−31 56.0	2.483	3.427	7.4	21.2
6 30	15 58.66	−31 29.4	2.553	3.429	10.0	21.4

145382 2005 NY_{12} 5 28.9 267°.44 4°.3/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.41	− 9 21.9	2.246	3.063	12.8	19.8
5 1	16 44.19	− 8 58.4	2.157	3.055	10.2	19.6
5 11	16 38.06	− 8 38.8	2.091	3.047	7.4	19.5
5 21	16 30.51	− 8 25.7	2.050	3.039	5.0	19.3
5 31	16 22.26	− 8 21.3	2.036	3.030	4.6	19.2
6 10	16 14.15	− 8 27.1	2.049	3.022	6.7	19.4
6 20	16 6.95	− 8 43.8	2.089	3.013	9.6	19.5
6 30	16 1.31	− 9 11.2	2.151	3.005	12.5	19.7

474913 2005 SR_{214} 5 28.9 261°.09 2°.4/27.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.75	−17 9.7	2.498	3.315	11.7	20.8
5 1	16 43.53	−16 16.8	2.397	3.300	9.1	20.6
5 11	16 37.54	−15 20.3	2.321	3.285	6.2	20.4
5 21	16 30.25	−14 22.5	2.270	3.270	3.3	20.2
5 31	16 22.34	−13 26.4	2.249	3.255	2.7	20.1
6 10	16 14.56	−12 35.3	2.256	3.239	5.4	20.3
6 20	16 7.62	−11 52.1	2.291	3.223	8.5	20.4
6 30	16 2.13	−11 19.2	2.349	3.207	11.4	20.6

334713 2003 GL_{34} 5 28.9 48°.56 2°.5/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.33	−15 44.9	1.419	2.260	17.6	20.3
5 1	16 48.04	−15 42.2	1.364	2.280	13.7	20.1
5 11	16 40.92	−15 41.0	1.329	2.299	9.2	19.8
5 21	16 31.83	−15 42.5	1.317	2.320	4.6	19.6
5 31	16 21.96	−15 48.0	1.330	2.340	2.8	19.6
6 10	16 12.66	−15 59.0	1.369	2.361	6.8	19.9
6 20	16 5.03	−16 16.2	1.431	2.383	11.1	20.2
6 30	15 59.89	−16 40.2	1.515	2.404	14.8	20.4

14553 1997 UD_{25} 5 28.9 210°.87 0°.8/28.7 18

4 21	16 49.99	−19 51.3	2.235	3.052	12.9	17.9
5 1	16 45.49	−19 45.1	2.146	3.050	10.0	17.7
5 11	16 38.96	−19 36.4	2.081	3.047	6.7	17.5
5 21	16 30.93	−19 25.8	2.041	3.044	3.1	17.3
5 31	16 22.17	−19 14.3	2.029	3.041	1.2	17.1
6 10	16 13.60	−19 3.5	2.044	3.038	4.8	17.4
6 20	16 6.03	−18 55.2	2.087	3.035	8.4	17.6
6 30	16 0.16	−18 51.4	2.154	3.031	11.5	17.8

501932 2014 WX_{504} 5 28.9 101°.58 7°.8/26.2 17

4 21	16 52.59	− 2 43.5	1.855	2.665	15.4	21.3
5 1	16 47.42	− 1 42.3	1.802	2.686	12.6	21.2
5 11	16 40.11	− 0 50.7	1.770	2.706	9.9	21.0
5 21	16 31.36	− 0 13.5	1.762	2.726	8.1	21.0
5 31	16 22.09	+ 0 5.4	1.780	2.746	8.0	21.0
6 10	16 13.29	+ 0 4.4	1.824	2.765	9.7	21.1
6 20	16 5.78	− 0 15.8	1.891	2.784	12.1	21.3
6 30	16 0.19	− 0 53.2	1.980	2.802	14.6	21.5

311516 2005 WN_{174} 5 28.9 251°.93 0°.7/28.6 18

4 21	16 48.27	−20 4.4	2.665	3.476	11.2	21.7
5 1	16 43.90	−19 51.8	2.562	3.462	8.7	21.5
5 11	16 37.79	−19 36.5	2.483	3.448	5.8	21.3
5 21	16 30.38	−19 19.0	2.430	3.433	2.7	21.1
5 31	16 22.31	−19 0.5	2.406	3.418	1.1	20.9
6 10	16 14.33	−18 42.5	2.410	3.403	4.3	21.2
6 20	16 7.14	−18 27.0	2.443	3.387	7.5	21.3
6 30	16 1.34	−18 15.8	2.500	3.372	10.3	21.5

160071 2000 CD_{100} 5 28.9 244°.53 2°.6/30.1 18

4 21	16 53.49	−30 18.7	2.582	3.369	12.2	20.9
5 1	16 48.26	−30 27.7	2.469	3.349	9.8	20.7
5 11	16 40.88	−30 28.7	2.379	3.328	7.0	20.5
5 21	16 31.85	−30 20.2	2.315	3.307	4.1	20.3
5 31	16 21.94	−30 1.5	2.279	3.285	2.6	20.2
6 10	16 12.07	−29 33.8	2.272	3.263	4.7	20.3
6 20	16 3.11	−28 59.6	2.293	3.239	7.8	20.4
6 30	15 55.85	−28 22.8	2.340	3.215	10.8	20.6

411622 2011 UE_{37} 5 28.9 149°.65 0°.4/29.1 16

4 21	16 56.85	−22 46.8	1.792	2.607	15.6	22.6
5 1	16 51.28	−22 51.5	1.716	2.616	12.2	22.4
5 11	16 43.03	−22 51.5	1.660	2.625	8.2	22.2
5 21	16 32.82	−22 46.1	1.630	2.633	3.8	21.9
5 31	16 21.72	−22 35.6	1.627	2.640	1.0	21.7
6 10	16 10.98	−22 21.8	1.651	2.646	5.5	22.0
6 20	16 1.71	−22 7.7	1.702	2.652	9.7	22.3
6 30	15 54.76	−21 56.5	1.776	2.657	13.4	22.5

501661 2014 ST_{336} 5 28.9 153°.82 2°.0/28.3 17

4 21	16 54.19	−17 45.1	1.804	2.627	15.3	22.4
5 1	16 49.09	−17 23.8	1.728	2.633	11.9	22.2
5 11	16 41.50	−17 0.6	1.673	2.640	8.0	22.0
5 21	16 32.11	−16 36.9	1.643	2.645	3.9	21.7
5 31	16 21.91	−16 14.7	1.640	2.650	2.4	21.7
6 10	16 12.05	−15 56.6	1.665	2.655	6.1	21.9
6 20	16 3.55	−15 45.0	1.715	2.659	10.1	22.1
6 30	15 57.19	−15 41.7	1.788	2.662	13.7	22.4

4908 Ward 5 28.9 275°.31 3°.1/27.9 18 R

4 21	16 52.70	−17 18.5	1.498	2.336	17.1	17.3
5 1	16 48.89	−16 38.7	1.397	2.311	13.6	17.0
5 11	16 42.02	−15 54.2	1.316	2.286	9.3	16.7
5 21	16 32.61	−15 7.4	1.258	2.260	4.9	16.4
5 31	16 21.73	−14 22.2	1.225	2.233	3.6	16.2
6 10	16 10.79	−13 43.2	1.217	2.207	8.0	16.4
6 20	16 1.18	−13 15.1	1.233	2.179	13.0	16.6
6 30	15 54.09	−13 1.2	1.270	2.152	17.6	16.8

246945 1999 RP_{116} 5 28.9 281°.23 6°.5/ 1.2 18

4 21	16 54.73	−42 42.1	2.526	3.269	13.5	20.5
5 1	16 49.70	−43 2.8	2.407	3.242	11.6	20.3
5 11	16 42.10	−43 9.0	2.310	3.214	9.5	20.1
5 21	16 32.49	−42 57.0	2.235	3.185	7.5	19.9
5 31	16 21.80	−42 24.3	2.187	3.156	6.5	19.8
6 10	16 11.19	−41 31.4	2.166	3.127	7.2	19.8
6 20	16 1.77	−40 21.9	2.171	3.098	9.2	19.9
6 30	15 54.45	−39 1.6	2.200	3.068	11.7	20.0

177646 2004 RK_{80} 5 28.9 354°.78 10°.7/23.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 44.98	+ 4 56.3	1.923	2.725	15.2	19.5
5 1	16 41.74	+ 6 21.9	1.859	2.722	13.3	19.4
5 11	16 36.51	+ 7 34.1	1.815	2.720	11.6	19.3
5 21	16 29.83	+ 8 26.5	1.794	2.718	10.8	19.2
5 31	16 22.51	+ 8 54.0	1.796	2.716	11.1	19.2
6 10	16 15.44	+ 8 54.2	1.820	2.715	12.4	19.3
6 20	16 9.40	+ 8 27.9	1.865	2.715	14.2	19.4
6 30	16 5.05	+ 7 37.9	1.930	2.716	16.2	19.6

59548 1999 JU_{35} 5 28.9 302°.84 1°.8/29.2 18

4 21	16 54.84	−22 30.9	1.663	2.487	16.3	18.8
5 1	16 50.42	−23 28.7	1.570	2.474	12.9	18.5
5 11	16 42.97	−24 26.9	1.497	2.462	8.9	18.2
5 21	16 33.04	−25 22.7	1.449	2.450	4.5	17.9
5 31	16 21.65	−26 12.8	1.427	2.438	2.1	17.7
6 10	16 10.19	−26 55.4	1.431	2.427	6.2	18.0
6 20	16 0.04	−27 30.6	1.462	2.415	10.7	18.2
6 30	15 52.36	−28 0.6	1.515	2.404	14.8	18.4

327747 2006 TG_{50} 5 28.9 223°.43 0°.1/28.9 17

4 21	16 54.65	−21 3.0	1.878	2.695	14.9	21.4
5 1	16 49.69	−21 15.9	1.786	2.688	11.7	21.1
5 11	16 42.11	−21 26.6	1.715	2.680	7.9	20.9
5 21	16 32.51	−21 34.3	1.669	2.672	3.6	20.6
5 31	16 21.83	−21 38.8	1.650	2.663	0.9	20.4
6 10	16 11.26	−21 41.1	1.659	2.654	5.5	20.7
6 20	16 1.93	−21 43.1	1.694	2.645	9.7	20.9
6 30	15 54.74	−21 47.2	1.753	2.635	13.5	21.1

61745 2000 QF_{154} 5 28.9 236°.26 4°.4/26.8 18

4 21	16 50.69	−11 42.4	2.185	3.001	13.1	19.6
5 1	16 46.07	−10 49.8	2.088	2.987	10.5	19.3
5 11	16 39.40	− 9 57.3	2.015	2.973	7.5	19.1
5 21	16 31.19	− 9 8.2	1.968	2.958	4.9	18.9
5 31	16 22.20	− 8 26.1	1.948	2.943	4.7	18.9
6 10	16 13.32	− 7 54.3	1.956	2.927	7.1	19.0
6 20	16 5.41	− 7 35.1	1.990	2.910	10.3	19.2
6 30	15 59.16	− 7 29.5	2.047	2.893	13.3	19.3

276047 2002 CX_{5} 5 28.9 197°.59 1°.0/28.6 18

4 21	16 52.35	−19 27.1	2.305	3.116	12.7	21.4
5 1	16 47.26	−19 14.7	2.213	3.113	9.9	21.2
5 11	16 40.13	−18 59.8	2.144	3.109	6.6	21.0
5 21	16 31.50	−18 42.9	2.102	3.105	3.1	20.8
5 31	16 22.13	−18 25.3	2.088	3.100	1.4	20.6
6 10	16 12.94	−18 8.7	2.102	3.094	4.9	20.9
6 20	16 4.75	−17 55.4	2.144	3.088	8.4	21.1
6 30	15 58.26	−17 47.2	2.211	3.081	11.5	21.3

381885 2010 AZ_{75} 5 28.9 171°.89 5°.6/26.5 18

4 21	16 50.64	− 4 50.1	2.465	3.266	12.3	21.9
5 1	16 45.60	− 4 8.3	2.387	3.270	10.0	21.7
5 11	16 38.84	− 3 32.4	2.333	3.273	7.7	21.6
5 21	16 30.85	− 3 5.4	2.304	3.275	5.9	21.5
5 31	16 22.32	− 2 50.2	2.303	3.277	5.8	21.5
6 10	16 14.00	− 2 48.4	2.329	3.279	7.5	21.6
6 20	16 6.58	− 3 0.2	2.382	3.279	9.8	21.7
6 30	16 0.63	− 3 25.1	2.458	3.279	12.1	21.9

507701 2013 TH_{80} 5 28.9 259°.21 0°.8/28.7 17

4 21	16 52.60	−20 18.0	1.884	2.706	14.7	22.7
5 1	16 48.14	−20 9.4	1.783	2.688	11.6	22.4
5 11	16 41.13	−19 57.3	1.703	2.670	7.8	22.1
5 21	16 32.10	−19 42.1	1.648	2.652	3.6	21.8
5 31	16 21.96	−19 24.9	1.620	2.633	1.3	21.6
6 10	16 11.86	−19 7.8	1.619	2.613	5.7	21.9
6 20	16 2.90	−18 53.6	1.644	2.594	10.1	22.1
6 30	15 56.01	−18 44.9	1.692	2.573	14.0	22.3

305500 2008 EM_{96} 5 28.9 183°.18 4°.0/30.9 17

4 21	16 52.18	−34 52.3	2.608	3.383	12.3	21.5
5 1	16 47.18	−35 12.8	2.516	3.383	10.1	21.3
5 11	16 40.09	−35 23.4	2.448	3.383	7.6	21.1
5 21	16 31.48	−35 22.0	2.404	3.383	5.2	21.0
5 31	16 22.15	−35 7.8	2.388	3.382	4.0	20.9
6 10	16 13.02	−34 41.9	2.400	3.382	5.2	21.0
6 20	16 4.94	−34 6.9	2.439	3.380	7.6	21.1
6 30	15 58.60	−33 27.0	2.503	3.379	10.2	21.3

69351 1994 AE_{3} 5 28.9 36°.66 2°.1/29.6 17

4 21	16 52.23	−26 30.5	1.290	2.131	19.1	19.4
5 1	16 48.71	−26 39.7	1.225	2.139	15.1	19.1
5 11	16 41.83	−26 39.2	1.178	2.147	10.4	18.9
5 21	16 32.44	−26 27.6	1.153	2.155	5.3	18.6
5 31	16 21.92	−26 5.2	1.152	2.164	2.2	18.4
6 10	16 11.93	−25 35.0	1.175	2.174	6.6	18.7
6 20	16 3.87	−25 2.3	1.221	2.184	11.5	19.0
6 30	15 58.74	−24 32.5	1.288	2.194	15.8	19.3

35077 1990 OT_2 5 28.9 316°.25 3°.9/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 50.43	−26 59.2	1.200	2.049	19.8	18.0
5 1	16 48.21	−27 45.0	1.111	2.028	16.0	17.7
5 11	16 42.21	−28 25.1	1.040	2.009	11.4	17.4
5 21	16 32.96	−28 55.4	0.990	1.989	6.5	17.1
5 31	16 21.71	−29 12.1	0.961	1.971	3.9	16.8
6 10	16 10.33	−29 14.6	0.955	1.953	8.0	17.0
6 20	16 0.73	−29 5.9	0.971	1.936	13.4	17.2
6 30	15 54.44	−28 52.1	1.006	1.920	18.4	17.5

245702 2006 BC_{247} 5 28.9 150°.05 1°.1/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.82	−20 3.8	1.529	2.360	17.1	21.3
5 1	16 50.13	−19 52.2	1.454	2.364	13.4	21.1
5 11	16 42.50	−19 36.8	1.399	2.368	9.0	20.8
5 21	16 32.69	−19 18.4	1.368	2.372	4.1	20.5
5 31	16 21.86	−18 58.7	1.363	2.376	1.6	20.4
6 10	16 11.40	−18 40.3	1.384	2.379	6.4	20.7
6 20	16 2.55	−18 26.5	1.429	2.382	11.0	20.9
6 30	15 56.22	−18 19.9	1.497	2.384	15.1	21.2

179476 2002 BK_{30} 5 28.9 78°.13 1°.8/29.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.88	−25 6.1	2.288	3.091	13.1	20.0
5 1	16 48.45	−25 46.1	2.218	3.110	10.2	19.8
5 11	16 40.90	−26 22.1	2.170	3.129	7.0	19.7
5 21	16 31.84	−26 52.2	2.149	3.148	3.6	19.5
5 31	16 22.09	−27 15.2	2.156	3.166	1.9	19.4
6 10	16 12.62	−27 31.3	2.192	3.185	4.6	19.6
6 20	16 4.29	−27 42.0	2.255	3.204	7.8	19.8
6 30	15 57.78	−27 49.4	2.343	3.222	10.7	20.1

427253 2014 WU_{102} 5 28.9 110°.61 0°.8/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.01	−21 33.1	1.687	2.512	16.0	21.8
5 1	16 49.08	−21 8.6	1.617	2.525	12.5	21.6
5 11	16 41.55	−20 38.6	1.569	2.537	8.3	21.4
5 21	16 32.16	−20 4.2	1.546	2.550	3.7	21.1
5 31	16 22.01	−19 27.8	1.549	2.562	1.4	21.0
6 10	16 12.34	−18 52.6	1.579	2.573	5.8	21.3
6 20	16 4.19	−18 22.4	1.634	2.585	10.0	21.6
6 30	15 58.32	−18 0.1	1.713	2.596	13.7	21.8

416295 2003 QD_{109} 5 28.9 223°.55 4°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 56.75	−32 17.8	1.728	2.530	16.7	21.0
5 1	16 51.90	−32 51.7	1.639	2.524	13.6	20.8
5 11	16 43.91	−33 15.0	1.569	2.517	10.0	20.5
5 21	16 33.44	−33 23.7	1.522	2.510	6.4	20.3
5 31	16 21.66	−33 15.4	1.501	2.503	4.7	20.2
6 10	16 10.05	−32 50.9	1.507	2.495	6.9	20.3
6 20	16 0.02	−32 14.4	1.537	2.487	10.6	20.5
6 30	15 52.64	−31 32.3	1.590	2.478	14.3	20.7

234121 1999 XJ_{51} 5 28.9 196°.47 0°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.68	−20 0.7	2.570	3.372	11.8	20.6
5 1	16 48.15	−20 17.2	2.474	3.369	9.2	20.4
5 11	16 40.68	−20 32.6	2.403	3.365	6.2	20.2
5 21	16 31.77	−20 46.3	2.358	3.361	2.8	20.0
5 31	16 22.11	−20 58.2	2.342	3.356	0.8	19.8
6 10	16 12.56	−21 8.9	2.357	3.350	4.3	20.1
6 20	16 3.89	−21 19.2	2.399	3.344	7.6	20.3
6 30	15 56.78	−21 30.6	2.468	3.337	10.5	20.4

233436 2006 HN_{65} 5 28.9 156°.32 1°.6/28.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.21	−18 48.9	2.086	2.907	13.5	21.0
5 1	16 45.74	−18 22.8	2.004	2.910	10.5	20.8
5 11	16 39.16	−17 53.8	1.945	2.912	7.0	20.6
5 21	16 31.07	−17 23.4	1.912	2.914	3.4	20.4
5 31	16 22.30	−16 53.5	1.906	2.916	1.9	20.3
6 10	16 13.79	−16 26.9	1.927	2.918	5.3	20.5
6 20	16 6.39	−16 6.0	1.975	2.920	8.9	20.7
6 30	16 0.78	−15 52.8	2.047	2.922	12.2	20.9

344492 2002 QU_{84} 5 28.9 272°.29 0°.5/28.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.63	−20 5.9	2.021	2.843	13.9	21.2
5 1	16 46.34	−20 9.5	1.929	2.834	10.9	21.0
5 11	16 39.76	−20 11.2	1.859	2.826	7.3	20.7
5 21	16 31.44	−20 10.7	1.813	2.817	3.3	20.5
5 31	16 22.21	−20 8.9	1.795	2.808	1.1	20.3
6 10	16 13.10	−20 6.9	1.805	2.800	5.1	20.5
6 20	16 5.08	−20 6.5	1.840	2.791	9.1	20.8
6 30	15 58.94	−20 9.7	1.900	2.782	12.6	21.0

12299 1991 PV_{17} 5 28.9 227°.85 0°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.25	−21 31.3	1.971	2.786	14.4	18.9
5 1	16 49.27	−21 29.0	1.874	2.775	11.3	18.7
5 11	16 41.80	−21 22.8	1.799	2.764	7.7	18.4
5 21	16 32.39	−21 12.7	1.749	2.752	3.5	18.1
5 31	16 21.96	−20 59.2	1.726	2.740	1.0	17.9
6 10	16 11.64	−20 44.1	1.732	2.727	5.4	18.2
6 20	16 2.48	−20 30.0	1.764	2.713	9.5	18.4
6 30	15 55.36	−20 19.8	1.819	2.698	13.2	18.6

499144 2009 RT_{16} 5 28.9 182°.07 2°.3/27.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 52.08	−16 30.2	2.259	3.072	12.9	23.0
5 1	16 47.01	−16 1.5	2.172	3.073	10.0	22.8
5 11	16 39.94	−15 31.4	2.110	3.073	6.8	22.6
5 21	16 31.42	−15 1.5	2.073	3.073	3.5	22.4
5 31	16 22.24	−14 33.9	2.064	3.072	2.5	22.3
6 10	16 13.28	−14 11.1	2.085	3.071	5.5	22.5
6 20	16 5.35	−13 55.1	2.132	3.069	8.8	22.7
6 30	15 59.11	−13 47.3	2.203	3.066	11.9	22.9

304648 2006 WM_{14} 5 28.9 207°.81 1°.2/28.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.75	−16 44.1	3.033	3.834	10.2	21.9
5 1	16 45.56	−16 50.8	2.934	3.827	8.0	21.7
5 11	16 38.80	−16 57.7	2.858	3.820	5.4	21.5
5 21	16 30.88	−17 5.1	2.811	3.812	2.6	21.3
5 31	16 22.37	−17 13.4	2.793	3.804	1.4	21.2
6 10	16 13.94	−17 23.2	2.806	3.795	4.0	21.4
6 20	16 6.21	−17 35.3	2.847	3.786	6.8	21.6
6 30	15 59.71	−17 50.4	2.914	3.776	9.3	21.7

500113 2012 BA_{111} 5 28.9 89°.12 2°.5/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.89	−17 13.0	1.527	2.362	16.9	22.1
5 1	16 48.46	−16 46.9	1.459	2.372	13.2	21.9
5 11	16 41.28	−16 19.3	1.413	2.382	8.9	21.6
5 21	16 32.11	−15 52.2	1.390	2.392	4.4	21.4
5 31	16 22.08	−15 28.2	1.392	2.402	2.9	21.3
6 10	16 12.51	−15 10.4	1.420	2.411	6.8	21.6
6 20	16 4.49	−15 1.3	1.473	2.421	11.1	21.9
6 30	15 58.88	−15 2.3	1.547	2.430	14.9	22.1

15610 2000 GY_{126} 5 28.9 5°.54 6°.3/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 46.80	− 7 41.9	1.844	2.674	14.7	17.5
5 1	16 43.27	− 6 41.2	1.772	2.674	11.8	17.3
5 11	16 37.60	− 5 45.0	1.721	2.675	8.9	17.1
5 21	16 30.40	− 4 57.9	1.694	2.676	6.7	17.0
5 31	16 22.51	− 4 24.4	1.693	2.677	6.6	17.0
6 10	16 14.89	− 4 7.3	1.717	2.678	8.7	17.1
6 20	16 8.39	− 4 7.9	1.765	2.680	11.6	17.3
6 30	16 3.70	− 4 25.4	1.834	2.683	14.5	17.5

86662 2000 FA_6 5 28.9 278°.45 4°.7/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.31	−31 25.1	1.783	2.587	16.1	20.0
5 1	16 50.98	−32 9.0	1.676	2.563	13.2	19.7
5 11	16 43.50	−32 45.0	1.590	2.539	9.8	19.5
5 21	16 33.40	−33 9.0	1.527	2.515	6.3	19.2
5 31	16 21.70	−33 17.4	1.489	2.491	4.7	19.1
6 10	16 9.85	−33 9.6	1.478	2.466	7.0	19.1
6 20	15 59.29	−32 48.4	1.492	2.441	10.9	19.3
6 30	15 51.27	−32 19.3	1.528	2.416	14.8	19.5

13166 1995 WU_1 5 28.9 128°.54 3°.3/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 57.27	−27 26.4	1.694	2.506	16.5	16.6
5 1	16 52.13	−28 17.7	1.616	2.512	13.2	16.4
5 11	16 43.96	−29 3.3	1.559	2.517	9.3	16.2
5 21	16 33.44	−29 39.5	1.526	2.522	5.3	16.0
5 31	16 21.74	−30 3.4	1.519	2.526	3.4	15.9
6 10	16 10.28	−30 15.0	1.539	2.531	6.3	16.0
6 20	16 0.38	−30 16.5	1.584	2.535	10.3	16.3
6 30	15 53.05	−30 12.4	1.653	2.540	13.9	16.5

395540 2011 UC_{161} 5 28.9 231°.30 0°.4/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.41	−21 23.9	2.499	3.306	12.0	21.3
5 1	16 46.52	−21 49.0	2.404	3.301	9.4	21.1
5 11	16 39.68	−22 12.6	2.333	3.296	6.3	20.9
5 21	16 31.37	−22 33.9	2.288	3.290	2.9	20.7
5 31	16 22.29	−22 52.5	2.272	3.285	0.8	20.5
6 10	16 13.30	−23 8.5	2.284	3.279	4.2	20.8
6 20	16 5.18	−23 22.9	2.325	3.273	7.6	21.0
6 30	15 58.63	−23 37.0	2.391	3.268	10.6	21.1

248112 2004 RY_{167} 5 28.9 255°.98 0°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 52.58	−24 51.5	2.238	3.044	13.2	20.9
5 1	16 47.76	−24 21.8	2.126	3.023	10.4	20.7
5 11	16 40.68	−23 43.7	2.037	3.000	7.1	20.5
5 21	16 31.88	−22 57.6	1.974	2.977	3.3	20.2
5 31	16 22.16	−22 5.0	1.940	2.953	0.8	19.9
6 10	16 12.52	−21 9.0	1.934	2.929	4.9	20.2
6 20	16 3.90	−20 13.7	1.956	2.904	8.8	20.4
6 30	15 57.09	−19 23.4	2.002	2.878	12.3	20.5

222574 2001 VP_{121} 5 28.9 151°.56 1°.7/28.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 53.06	−17 33.6	2.214	3.026	13.1	21.1
5 1	16 47.77	−17 18.8	2.135	3.035	10.2	20.9
5 11	16 40.45	−17 2.8	2.079	3.043	6.8	20.7
5 21	16 31.67	−16 46.4	2.049	3.051	3.3	20.5
5 31	16 22.24	−16 31.3	2.048	3.058	1.9	20.4
6 10	16 13.10	−16 19.2	2.075	3.064	5.1	20.6
6 20	16 5.05	−16 11.8	2.129	3.070	8.6	20.9
6 30	15 58.76	−16 10.6	2.207	3.075	11.7	21.1

322456 2011 UQ_{47} 5 28.9 243°.08 1°.3/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 49.96	−25 30.9	2.335	3.143	12.6	20.6
5 1	16 45.54	−25 39.9	2.244	3.140	10.0	20.4
5 11	16 39.08	−25 43.5	2.176	3.137	6.8	20.2
5 21	16 31.10	−25 41.1	2.134	3.134	3.4	20.0
5 31	16 22.38	−25 32.7	2.119	3.131	1.4	19.8
6 10	16 13.82	−25 19.7	2.133	3.128	4.4	20.0
6 20	16 6.26	−25 4.1	2.173	3.125	7.8	20.2
6 30	16 0.40	−24 48.7	2.238	3.121	10.9	20.4

377493 2005 EK_{122} 5 29.0 0°.17 1°.4/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 40.64	−15 7.3	4.434	5.243	7.1	21.3
5 1	16 37.32	−14 50.3	4.345	5.242	5.5	21.1
5 11	16 33.09	−14 33.3	4.280	5.242	3.7	21.0
5 21	16 28.25	−14 17.3	4.244	5.242	2.0	20.9
5 31	16 23.12	−14 3.2	4.237	5.242	1.6	20.8
6 10	16 18.09	−13 51.9	4.259	5.242	3.1	21.0
6 20	16 13.49	−13 44.1	4.309	5.243	4.9	21.1
6 30	16 9.62	−13 40.6	4.386	5.243	6.5	21.2

478108 2011 UC_{78} 5 29.0 180°.78 6°.2/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 58.88	−40 47.8	2.870	3.605	12.2	21.7
5 1	16 52.64	−42 0.5	2.778	3.606	10.4	21.6
5 11	16 43.98	−43 3.6	2.709	3.606	8.5	21.4
5 21	16 33.42	−43 52.5	2.665	3.607	6.9	21.3
5 31	16 21.79	−44 24.2	2.649	3.606	6.2	21.3
6 10	16 10.15	−44 37.6	2.661	3.605	6.9	21.3
6 20	15 59.52	−44 34.4	2.700	3.604	8.5	21.4
6 30	15 50.78	−44 18.6	2.763	3.603	10.4	21.6

83892 2001 UN_{135} 5 29.0 291°.15 0°.2/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.93	−20 59.3	2.102	2.920	13.5	19.3
5 1	16 46.58	−21 20.1	2.006	2.909	10.6	19.1
5 11	16 39.96	−21 39.6	1.933	2.899	7.2	18.9
5 21	16 31.58	−21 56.8	1.885	2.889	3.3	18.6
5 31	16 22.27	−22 11.6	1.865	2.878	0.8	18.4
6 10	16 13.01	−22 24.3	1.872	2.868	4.9	18.7
6 20	16 4.78	−22 36.1	1.906	2.858	8.8	18.9
6 30	15 58.38	−22 48.7	1.964	2.848	12.2	19.1

131149 2001 BF_{80} 5 29.0 176°.83 3°.1/27.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.60	−13 48.7	2.492	3.302	11.9	21.4
5 1	16 45.64	−13 4.7	2.407	3.305	9.3	21.2
5 11	16 38.92	−12 20.4	2.347	3.307	6.5	21.0
5 21	16 30.97	−11 38.2	2.313	3.308	3.9	20.9
5 31	16 22.46	−11 0.7	2.308	3.308	3.4	20.8
6 10	16 14.17	−10 30.4	2.331	3.308	5.7	21.0
6 20	16 6.79	−10 9.2	2.382	3.308	8.6	21.2
6 30	16 0.91	− 9 58.3	2.457	3.306	11.3	21.3

297415 2000 SH_{26} 5 29.0 205°.09 4°.5/26.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 47.45	− 7 28.7	2.871	3.675	10.6	21.3
5 1	16 43.01	− 6 40.0	2.782	3.670	8.6	21.1
5 11	16 37.09	− 5 54.2	2.718	3.664	6.4	21.0
5 21	16 30.12	− 5 14.1	2.681	3.659	4.8	20.9
5 31	16 22.67	− 4 42.5	2.672	3.652	4.8	20.9
6 10	16 15.35	− 4 21.3	2.691	3.645	6.3	20.9
6 20	16 8.75	− 4 11.7	2.737	3.638	8.5	21.1
6 30	16 3.36	− 4 13.8	2.806	3.630	10.7	21.2

182294 2001 KU_{76} 5 29.0 358°.50 0°.1/29.7 08 C

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 27.52	−26 8.7	36.897	37.689	0.9	22.5
5 1	16 26.75	−26 8.2	36.801	37.689	0.7	22.4
5 11	16 25.88	−26 7.3	36.732	37.689	0.5	22.4
5 21	16 24.94	−26 6.0	36.690	37.689	0.3	22.4
5 31	16 23.98	−26 4.5	36.678	37.688	0.1	22.3
6 10	16 23.02	−26 2.7	36.694	37.688	0.3	22.4
6 20	16 22.11	−26 0.8	36.739	37.688	0.6	22.4
6 30	16 21.27	−25 58.9	36.811	37.688	0.8	22.4

355203 2006 XM_{65} 5 29.0 147°.40 1°.9/27.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.58	−19 23.0	2.417	3.233	12.0	20.7
5 1	16 44.15	−18 25.1	2.332	3.235	9.3	20.5
5 11	16 37.96	−17 22.6	2.272	3.238	6.3	20.3
5 21	16 30.53	−16 17.7	2.238	3.240	3.1	20.1
5 31	16 22.59	−15 13.7	2.233	3.242	2.2	20.1
6 10	16 14.91	−14 14.2	2.257	3.244	5.1	20.2
6 20	16 8.19	−13 22.5	2.309	3.246	8.2	20.4
6 30	16 3.01	−12 40.9	2.385	3.248	11.1	20.6

3944 Halliday 5 29.0 264°.74 0°.2/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 54.24	−20 23.4	1.674	2.500	16.1	17.2
5 1	16 49.85	−20 38.8	1.577	2.485	12.7	16.9
5 11	16 42.56	−20 52.7	1.502	2.469	8.6	16.6
5 21	16 32.92	−21 4.5	1.450	2.453	4.0	16.3
5 31	16 21.95	−21 13.8	1.424	2.437	1.0	16.1
6 10	16 10.98	−21 21.5	1.425	2.421	6.0	16.4
6 20	16 1.29	−21 29.2	1.451	2.405	10.8	16.6
6 30	15 53.98	−21 39.4	1.500	2.388	15.0	16.8

317682 2003 KX_{32} 5 29.0 322°.22 3°.7/27.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
4 21	16 46.13	−15 16.5	1.372	2.226	17.4	20.1
5 1	16 44.04	−14 49.8	1.274	2.197	13.9	19.8
5 11	16 38.96	−14 22.3	1.195	2.168	9.7	19.5
5 21	16 31.39	−13 56.8	1.138	2.140	5.3	19.2
5 31	16 22.32	−13 37.1	1.105	2.113	4.1	19.0
6 10	16 13.16	−13 27.1	1.095	2.086	8.3	19.2
6 20	16 5.30	−13 29.5	1.107	2.061	13.3	19.4
6 30	15 59.93	−13 46.1	1.138	2.037	18.0	19.6

283755 2003 EO_{43} 5 29.0 263°.86 16°.8/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	17 7.96	−47 30.7	1.240	2.007	23.8	20.4
5 1	17 4.42	−50 19.0	1.168	1.999	21.5	20.2
5 11	16 54.92	−52 52.1	1.112	1.992	19.2	20.0
5 21	16 39.57	−54 53.3	1.074	1.984	17.4	19.9
5 31	16 20.15	−56 6.3	1.055	1.977	16.8	19.8
6 10	16 0.12	−56 23.1	1.055	1.969	17.6	19.8
6 20	15 43.29	−55 49.0	1.074	1.961	19.6	19.9
6 30	15 32.37	−54 38.8	1.108	1.954	22.1	20.0

107009 2000 YA_{113} 5 29.0 133°.34 0°.1/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 55.66	−21 37.3	1.744	2.564	15.8	20.2
5 1	16 50.44	−21 39.1	1.670	2.574	12.3	20.0
5 11	16 42.56	−21 37.0	1.617	2.583	8.3	19.8
5 21	16 32.75	−21 30.7	1.589	2.593	3.8	19.5
5 31	16 22.06	−21 20.8	1.588	2.601	1.0	19.3
6 10	16 11.75	−21 9.3	1.614	2.610	5.6	19.7
6 20	16 2.91	−20 58.7	1.666	2.617	9.8	19.9
6 30	15 56.37	−20 52.0	1.741	2.625	13.5	20.2

202712 2007 GC_{61} 5 29.0 315°.12 2°.4/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 51.60	−27 10.6	1.698	2.520	16.1	20.9
5 1	16 47.73	−27 27.8	1.612	2.514	12.8	20.7
5 11	16 41.04	−27 37.4	1.546	2.508	8.9	20.4
5 21	16 32.18	−27 37.5	1.503	2.502	4.8	20.2
5 31	16 22.19	−27 27.5	1.486	2.497	2.4	20.0
6 10	16 12.41	−27 8.9	1.495	2.491	5.8	20.2
6 20	16 4.03	−26 45.2	1.529	2.486	10.1	20.4
6 30	15 58.02	−26 20.9	1.586	2.482	13.9	20.7

434367 2004 TT_{93} 5 29.0 146°.94 4°.7/26.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.96	−12 14.2	1.993	2.817	14.0	21.3
5 1	16 45.54	−11 7.5	1.918	2.821	11.0	21.2
5 11	16 39.05	−10 0.9	1.865	2.825	7.9	21.0
5 21	16 31.09	− 8 58.4	1.838	2.829	5.2	20.8
5 31	16 22.49	− 8 4.5	1.838	2.832	5.0	20.8
6 10	16 14.20	− 7 22.8	1.865	2.835	7.4	21.0
6 20	16 7.04	− 6 55.7	1.917	2.838	10.5	21.1
6 30	16 1.66	− 6 44.0	1.992	2.841	13.5	21.3

338765 2003 UZ_{234} 5 29.0 241°.92 2°.0/27.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 49.91	−18 11.1	2.241	3.059	12.8	21.0
5 1	16 45.50	−17 31.4	2.144	3.048	10.0	20.8
5 11	16 39.07	−16 48.1	2.070	3.036	6.8	20.6
5 21	16 31.14	−16 3.0	2.022	3.024	3.4	20.4
5 31	16 22.47	−15 18.7	2.002	3.011	2.4	20.3
6 10	16 13.95	−14 38.4	2.010	2.998	5.5	20.4
6 20	16 6.39	−14 5.0	2.045	2.985	9.0	20.6
6 30	16 0.50	−13 40.7	2.104	2.972	12.2	20.8

514466 2016 UT_{135} 5 29.0 234°.95 2°.5/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.86	−29 11.1	2.599	3.393	11.9	21.6
5 1	16 46.17	−29 35.7	2.503	3.387	9.5	21.5
5 11	16 39.50	−29 54.1	2.429	3.381	6.8	21.3
5 21	16 31.34	−30 4.8	2.382	3.375	4.0	21.1
5 31	16 22.42	−30 6.9	2.362	3.368	2.6	21.0
6 10	16 13.60	−30 1.1	2.371	3.362	4.5	21.1
6 20	16 5.69	−29 49.1	2.408	3.355	7.4	21.3
6 30	15 59.38	−29 33.8	2.469	3.348	10.2	21.4

319551 2006 RH_{116} 5 29.0 28°.10 1°.0/28.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 50.38	−21 4.6	1.311	2.159	18.4	20.8
5 1	16 47.09	−20 46.5	1.245	2.165	14.4	20.6
5 11	16 40.69	−20 23.0	1.198	2.172	9.6	20.3
5 21	16 31.99	−19 55.3	1.174	2.179	4.4	20.0
5 31	16 22.27	−19 25.9	1.173	2.186	1.6	19.9
6 10	16 13.03	−18 58.5	1.197	2.194	6.7	20.2
6 20	16 5.54	−18 37.0	1.244	2.203	11.6	20.5
6 30	16 0.74	−18 24.5	1.312	2.212	15.9	20.8

26151 Irinokaigan 5 29.0 299°.82 10°.7/21.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
4 21	16 48.74	− 5 15.1	1.528	2.363	16.9	17.9
5 1	16 45.59	− 2 39.6	1.433	2.332	14.3	17.6
5 11	16 39.71	+ 0 0.0	1.360	2.302	11.9	17.4
5 21	16 31.64	+ 2 33.2	1.312	2.271	10.8	17.2
5 31	16 22.31	+ 4 47.6	1.288	2.240	11.8	17.2
6 10	16 12.97	+ 6 32.7	1.288	2.209	14.5	17.3
6 20	16 4.80	+ 7 42.5	1.309	2.179	17.9	17.4
6 30	15 58.84	+ 8 15.6	1.347	2.149	21.2	17.5